

UNIVERSITY OF ALBERTA

# folio

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## Alberta Cancer Diagnostic Consortium unveils new facility

*New centre will develop handheld diagnostic tools to help detect cancer quickly and inexpensively*

By Scott Lingley

A cross-disciplinary collaboration between the University of Alberta, the University of Calgary, the Alberta Cancer Board and federal and private funders have officially opened the doors of its new facility.

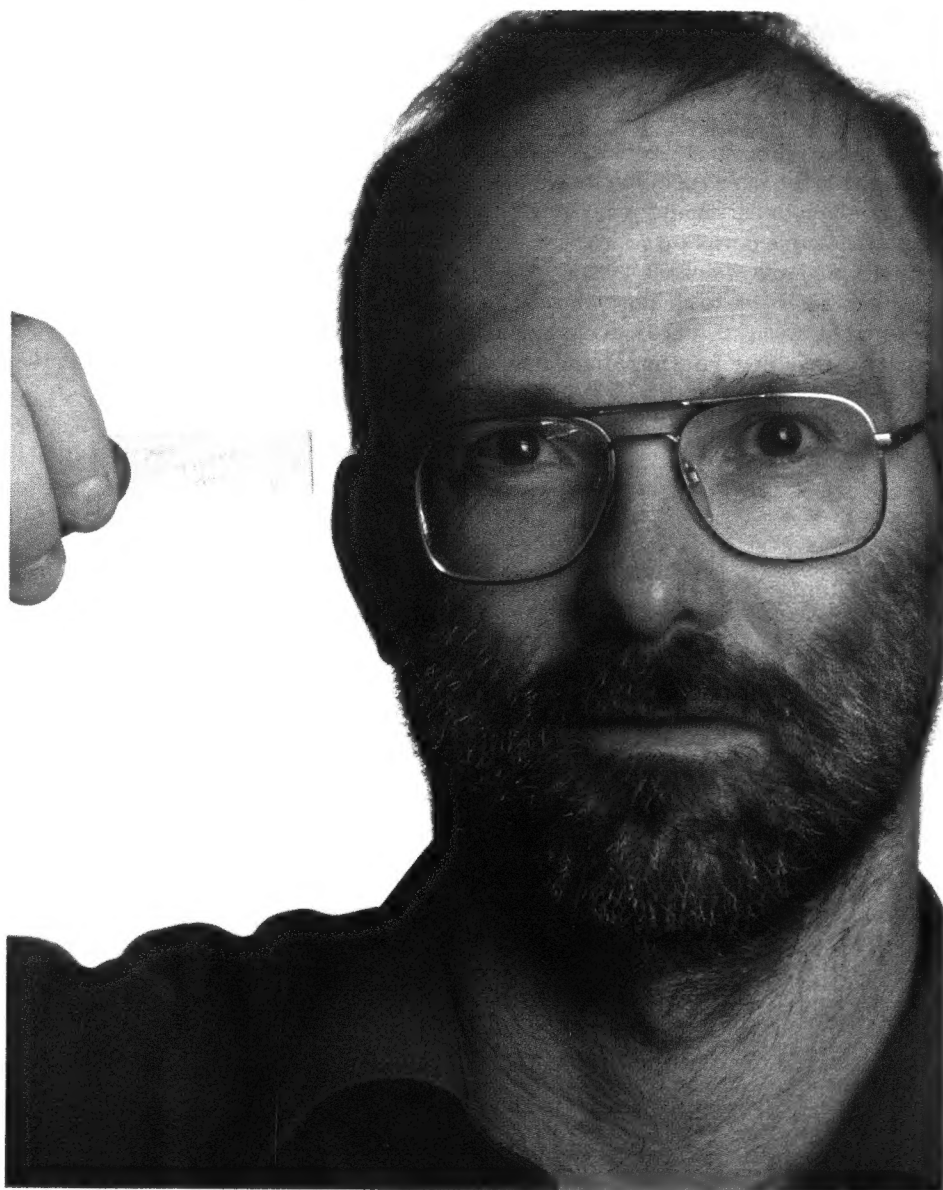
The Alberta Cancer Diagnostic Consortium (ACDC), a centre for the research and development of handheld biomedical diagnostic tools located in the U of A's Research Transition Facility, will hit the ground running with a \$2.5 million investment from Western Economic Diversification for its first three years of operation.

Dr. Andy Greenshaw, associate vice-president (research) at the U of A, hailed the unique collaboration between biomedical and engineering researchers at the U of A and the University of Calgary, and remarked on its potential benefits to Canadians and, ultimately, the world.

"Lab-on-a-chip technology as a concept is very exciting and far-reaching and illustrates the importance of nanotechnology for the benefit of society," Greenshaw said. "These initial prototype systems developed at the U of A and the U of C will provide a higher standard of care for cancer patients, being inexpensive, fast, and providing sensitive monitoring of response to treatment, detection of stages of the disease, and monitoring patients for relapse."

Dr. Linda Pilarski, a U of A cancer researcher who heads ACDC with Dr. Chris Backhouse from the U of A's Department of Electrical and Computer Engineering and Dr. Karen Kaler from the University of Calgary's Department of Electrical and Computer Engineering, said the new facility has already been the site of significant advances in the development of handheld diagnostic devices.

"Our common laboratory in the RTF is crucial for promoting stronger research integration because the engineers work in close physical proximity to the biomedical researchers. That may not sound important but, in fact, it has proven to an



Dr. Chris Backhouse displays a microfluidic chip, part of a handheld device which can help detect cancer.

absolutely fundamental thing to getting these devices working and we have made major progress since moving over here," Pilarski said.

"ACDC is a wonderful example of the innovative leaps that can occur when

they're fostered by cross-disciplinary interactions that involve clinicians, oncology researchers and engineers. Our focus from the beginning has been to adapt clinically valuable tests to microfluidic devices. We believe our research will fos-

Richard Siemens  
"Lab-on-a-chip technology as a concept is very exciting and far-reaching and illustrates the importance of nanotechnology for the benefit of society."

– Dr. Andy Greenshaw

ter better health care at a lower cost for more Canadians and, ultimately, for more people throughout the world.

Doug Maley, assistant deputy minister of Western Economic Diversification, said the made-in-Alberta solutions generated by ACDC show amazing promise both commercially and from a quality-of-life perspective.

"The future commercialization potential of the technology being developed here is enormous. However, just as important are the tremendous benefits that this technology will have on people's lives," Maley said.

"The Canadian Cancer Society has noted that in Alberta alone there will be 13,100 new cases of cancer diagnosed in the next year. To know that such life-altering medical technology is being developed here in our province – technology that will lead to earlier detection, earlier prevention and more lives saved – is another reason to be proud to call Alberta home," he added.

ACDC has received financial support from Western Economic Diversification Canada, the Canadian Institutes of Health Research, Natural Science and Engineering Research Council of Canada, the Canada Research Chairs program, the Canadian Foundation for Innovation, the Alberta Cancer Foundation, the Alberta Heritage Foundation for Medical Research, and Micralyne Inc. Western Economic Diversification matched funding from NSERC, CIHR, CRC, U of A, U of C and ACB. ■



# A lab in the palm of your hand

Lab-on-a-chip tests ready for clinical testing

By Scott Lingley

To the naked eye, it looks like an ordinary microscope slide - a small transparent rectangle with hairline tracings running through it. It's hard to believe this microfluidic chip, made of polymer and glass, is poised to change the face of healthcare in Canada and the world.

"This little piece of glass and polymer replaces what goes on in about a quarter of my research lab and it actually, I think, will change our lives—not just the lives of sick people, but healthy people as well," said Dr. Linda Pilarski, a cancer researcher at the University of Alberta who co-leads the Alberta Cancer Diagnostic Consortium (ACDC).

Currently, Pilarski said, many tests for cancer are too complex and expensive to be carried out in clinics, resulting in a lag time between testing, diagnosis and treatment. The devices being developed by ACDC would dramatically lower the complexity and cost of such testing, and enable doctors to deliver patient-specific care more efficiently.

"Testing on fast, sensitive, automated microfluidic devices can warn of potential adverse drug effects, monitor vaccination efficiency, detect disease-related genetic abnormalities, all for the design of personalized medicine," she said.



Dr. Linda Pilarski believes "lab-on-a-chip" technology will change healthcare.

Dr. Chris Backhouse, a researcher from the U of A's Department of Electrical and Computer Engineering and co-leader of ACDC, said the innovations being developed in ACDC's labs are parallel to those that led to the miniaturization of electronics in the previous century.

"We wanted to do to the life sciences what has been done to electronics. We expect to see the same evolution that led from a million-dollar computer to something of the same power on your wrist-watch for a couple of dollars. That's made computers accessible to all, now we want to do that for the rest of the human population with something more important than moving electrons around."

Pilarski says three tests have already been successfully adapted to the "lab-on-a-chip," and she and her colleagues are ready to begin clinical trials with a genetic test involving childhood lymphocytic leukemia. The conventional means of testing to determine if a patient is a good candidate for a particular kind of drug treatment is not done anywhere in Canada because the expense and complexity are prohibitive.

"Some children with this disease suffer life-threatening toxicities because they react so badly to their anti-cancer drugs," Pilarski said. "We've adapted the relevant genetic tests to the chip... We believe the outcome will be fewer side effects for the children and less hospitalization costs for the health care system, so everyone benefits."

The second test adapted for on-chip testing involves looking for chromosomal abnormalities in molecular myeloma and follicular lymphoma, two diseases of the immune system.

"Clinical use of these tests will alert doctors to avoid conventional chemotherapy for these patients and stem cell transplants which don't seem to work, but focus instead on new biological therapies that are more likely to work. We think this facilitate more effective allocation of scarce health care dollars by targeting treatment to patients who are most likely to respond, and it's also valuable for monitoring response to treatment and is a first alert for impending relapse," Pilarski said.

A third test, to detect high viral loads in urine samples, has also been adapted to the chip.

Pilarski said the potential breakthroughs represented by this technology could revolutionize healthcare.

"Imagine a Canada where complex medical test results are available almost instantly, where aging Canadians can perform home-based testing with almost instantaneous transmission to a doctor's office, where emerging or relapsing cancer can be rapidly detected in local healthcare centres, where high quality healthcare is easily available on the farm, in the mountains, on the high Arctic tundra, or even in outer space. ACDC is creating robust, adaptable and transformative technologies for fast, highly accurate at the point of care,

"Testing on fast, sensitive,

automated microfluidic devices

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— Dr. Linda Pilarski

in the field and on the spot," she said.

ACDC has received financial support from Western Economic Diversification Canada, the Canadian Institutes of Health Research, Natural Science and Engineering Research Council of Canada, the Canada Research Chairs program, the Canadian Foundation for Innovation, the Alberta Cancer Foundation, the Alberta Heritage Foundation for Medical Research, and Micralyne Inc. Western Economic Diversification matched funding from NSERC, CIHR, CRC, U of A, U of C and ACB. ■

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# Political scientist forges connections with Caribbean university

Upcoming Trinidad conference is first collaboration between the U of A and the University of West Indies

By Tom Murray

Not long after coming to the University of Alberta, political scientist Dr. Andy Knight began questioning the lack of students from the West Indies on campus.

“We have a substantial diaspora from the Caribbean,” explained Knight, who left the Barbados for Canada close to 30 years ago to pursue an academic career. “Still, when I came here, I noticed that there wasn’t a lot of West Indian presence on campus.”

After attending several West Indian functions, Knight discovered that many parents were sending their children out east, to the University of Toronto, McGill, Dalhousie, and Bishop’s in Quebec.

“It seemed as though there wasn’t a very strong connection to the University, and I wanted to change that in some way.”

A trip back to the Caribbean in the winter of 2001 galvanized the growing idea in his head – even as it began to take on a life of its own.

“While I was there I had a chance to meet the Chancellor of the University of West Indies (UWI), and we talked about the possibility of exploring a relationship.”

The discussions continued, and a Memorandum of Understanding (MOU) was signed between the two Universities to explore a further relationship.

“We’re now trying to put some flesh on the bones of the MOU by having things like conferences and book publications, faculty and student exchanges and the like. The MOU is a piece of paper, really – we have to put it into practice.”

One of the first things to come out of the memorandum has been a planned joint conference on UWI’s Trinidad campus in October. *Re-mapping the Americas: Globalisation, Regionalisation and the FTAA*

will serve as a forum for debate about the future of hemispheric and regional integration within the Americas, and future relationships with other regions.

Twelve U of A researchers will make the trek to the conference, including Knight’s coworker from the Department of Political Science, Dr. Julian Castro-Rea.

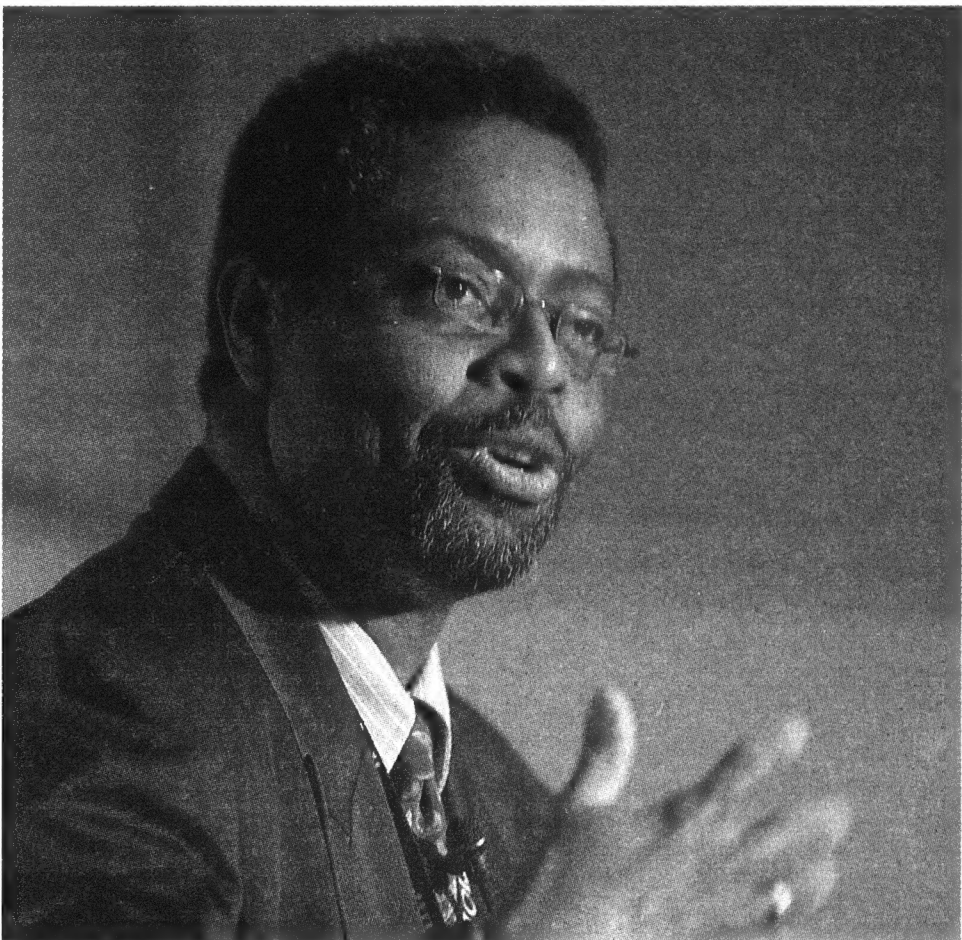
“He does research on the effects of the North American Free Trade Agreement (NAFTA) on Mexico, and he’ll be presenting a talk to the conference on what an extended NAFTA would mean for the hemisphere” said Knight. Other speakers will include Greg Anderson, who teaches courses on the US and US foreign policy, and Janine Brodie, former chair of the political science department.

The conference will explore tensions between globalization and regionalization, and so-called ‘remapping’ efforts by the United States.

“They’re the only real super power left,” says Knight, noting the way in which the U.S. can now blithely cut through trade barriers. This has piqued the interest of groups like the Sombrilla Refugee Support Society, who do developmental work in Latin America. The Society has also agreed to attend the conference, expressing interest in light of the recent signing of Central American Free Trade Arrangement (CAFTA) between America and Latin American countries.

“When you get into trade arrangements with specific countries, it’s almost like a divide and conquer strategy,” Knight said. “You can pick off countries that way. You develop a trade arrangement, and then all the other countries bang on the door because they can’t be left out of it.”

Knight is looking towards the conference as the start of a continual study on



Dr. Andy Knight

the subject for both Universities. “We held ‘Remapping the Americas Research Day’ on June 23<sup>rd</sup>, and we were surprised by the numbers that came out from the University and also the West Indian community.”

The new ties between the two universities have also sparked the Edmonton West Indian community’s interest in the U of A, he noted.

“I was just talking to a student whose

parents came from Barbados,” Knight added. “She’s currently doing her undergraduate degree and hopes to do her masters degree here. She came to get some advice from me—and she’s actually one of the first people from the community to come into my office for advice.”

The Re-Mapping the Americas Conference will be held in Trinidad, Oct. 19-22, 2005. ■

# Vitamin C conference supplies recommended dose of health promotion

U of A-hosted international conference strives to make campuses healthier places

By Natalie Climenhaga

It can be tricky task for students and staff to maintain their health and wellbeing on a bustling university campus, but an upcoming University of Alberta conference may be just what the doctor ordered.

“We realize that times are changing and people have so much going on that we want to be able to provide whatever assistance we can so that they can bring the best of themselves to work [or school] on a daily basis,” said Vitamin C conference organizer Sarah Flower.

The second bi-annual conference, which runs from October 3-6, will offer prescriptions for better mental, physical, environmental and emotional health on university campuses. The trilingual conference will represent institutions in North, Central & South American along with representation from the Caribbean and Europe.

Organized by both the U of A and the Pontificia Universidad la Católica de Chile, the conference will feature presentations on a wide range of topics related to both personal and organizational health.

According to Flower, balancing work life with family and personal issues has always been a challenge but the need for a structured approach at assistance has grown in recent years.

“Those expectations haven’t changed over time but I think what’s changed is that everything now is much more fast paced.” Flower said.

“What we’re noticing is that we need to

encourage people to actually take time for themselves.”

Melanie Goroniuk, who is co-chairing the conference with Rehabilitation Medicine Dean Dr Albert Cook, explained that the conference supports the Senate Task Force Report on Wellness released in 2003.

“One of the recommendations related to expanding networks into the community, sharing of information, learning from other people and sharing our knowledge. So that was sort of what led into the conference,” Goroniuk said.

“There were areas where we just thought we could do a better job of learning from partner universities.”

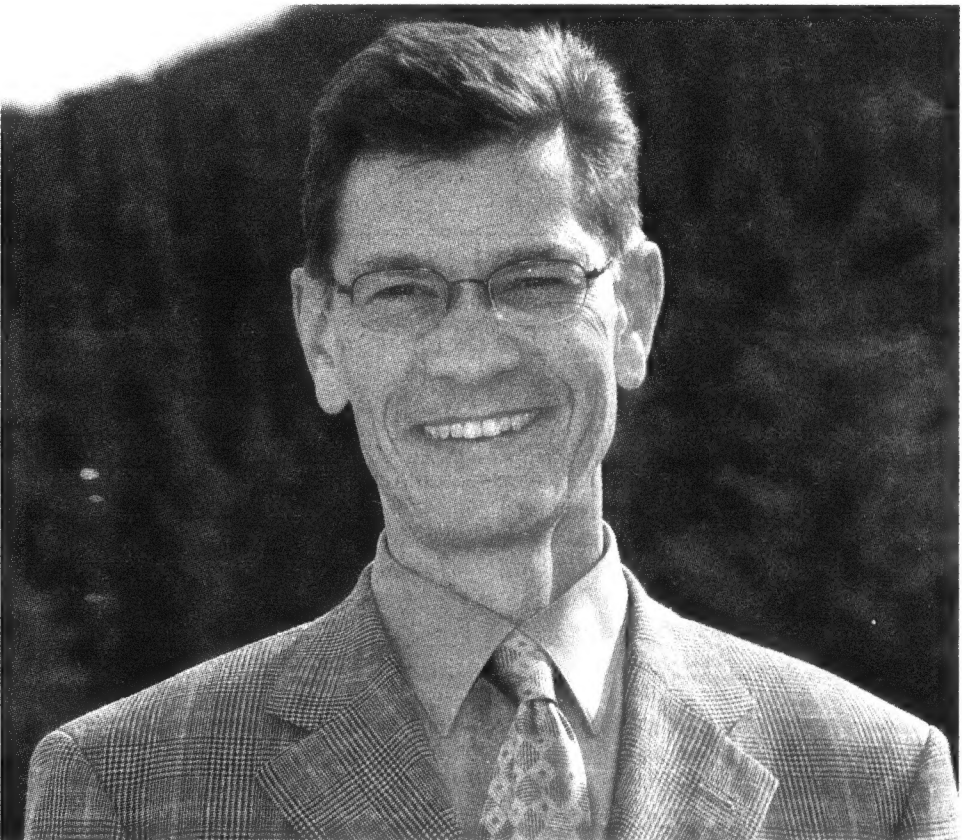
And, according to Goroniuk, the Vitamin C Conference serves as an effective way for the U of A to reflect on current efforts while being exposed to new ideas.

“Bringing people here is a good way to both profile what we’re doing as well as get information from them on what they’re doing,” she said.

Although this isn’t the first health promoting collaboration between post-secondary institutions, the implementation of a charter makes the Vitamin C conference unique.

“It’s something we’ve never tried before,” said Goroniuk.

Goroniuk added that she’s confident that the conference will result in greater health promotion at the U of A in the near future.



Former U of A sociology prof Graham Lowe will give a keynote talk on the leadership role of universities in creating healthy communities at this year’s Vitamin C conference.

“I think there will start to be changes [seen at the U of A] very quickly, and the timing was perfect—it’s serendipity in terms of the conference happening right on the heels of a new president coming on

board,” Goroniuk said.

However, she maintained the importance of not being overzealous when striving towards new goals.

“We’re trying to take it in small bites.” ■



# Raising the bar

Medical student Hector Aguilar is a powerful mixture of brains and brawn

By Lee Craig

A 24-year-old student at the U of A is definitely breaking the mould.

Hector Aguilar is in his second year of medical school and researching human physiology for his PhD. He expects to be done both degrees by the time he is 30, which is, incidentally, the peak age for male powerlifters.

Aguilar has set his sights high for both his academic and athletic careers, and he's proving that a person can succeed in both arenas. This year, for instance, he'll represent Canada at the International Powerlifting Federation Men's World Powerlifting Championships in Miami.

To win a medal at the Worlds in his weight class of 110 kilograms, Aguilar needs to bench press about 230 kilograms, dead lift about 360 kilograms and squat about 375 kilograms. Obviously, it's pretty tough competition, and Aguilar says when he is there—despite the widespread adrenaline and sweat of all the participants—he focuses as hard as possible on the lift or sometimes, in the case of the squat event, the push.

"This is the big show. We'll be going up against the Eastern Europeans and the Americans, and they're all amazing. To a large extent it's because the pools of lifters there are so deep. The Americans probably have 10 times the lifters that we do, and the Eastern Europeans probably have 100 times what we do," says Aguilar.

Powerlifting has been a small sport in Canada up to now, says Aguilar. But a new club at the U of A, which he belongs to, wants to change that.

"We started the club about three months ago because powerlifting is really a small sport in Canada relative to the level of excitement and interest it could bring to the public. We're committing to hosting events every year, and that's really important to do because if you have nowhere to compete then you're kind of stuck," says Aguilar.

"We've got a lot of guys here who have huge potential. As it stands right now, out of the students that we train together with, there's myself and at least three others who currently hold national records. We've got a lot of good, raw material to work with here."

Aguilar says that powerlifting could grow quite easily because it isn't difficult to enter the sport.

"Obviously, if you want to reach the top, the highest level, the genetics have to be in place, the training has to be in place, you have to eat right, and you have to approach it like it's a sport. But to get started, you can just pick it up from training with somebody who knows how, and that's why the club is here."

Aguilar stumbled onto the sport two-and-a-half years ago and found his trainer, Dennis Dickau, 15 months ago. He had been half-heartedly interested in body building, but he was much happier with the training routine of powerlifting.

"More than anything it's a conditioning issue. You really need to learn how to perform the lifts and you need to develop a certain level of stamina so that you can get through nine near-maximal attempts without keeling over," says Aguilar.

Of the three disciplines, bench press, squat and dead weight, Aguilar says his coach thinks that he has a shot at getting a

"I want to bring powerlifting out of the dungeon. That's unfortunately where meets have been held in the past, because there's no money in the sport. You do it for the love of it, and you have to do it in a place that's not going to cost you a lot of money."

— Hector Aguilar

medal in the squat or the bench press at the Worlds.

"The dead lift is my weak one. The bar is lying on the ground and you basically step up and pick it up," he explains. "It sounds simple, but because I have weak hands I have trouble holding onto it. You can't lift a weight with your large back and leg muscles if you can't hold onto it. That's my big problem, being able to hold onto it with my little hands."

Aguilar and many of the club members, who range in age from 20 to forties, train about four days a week.

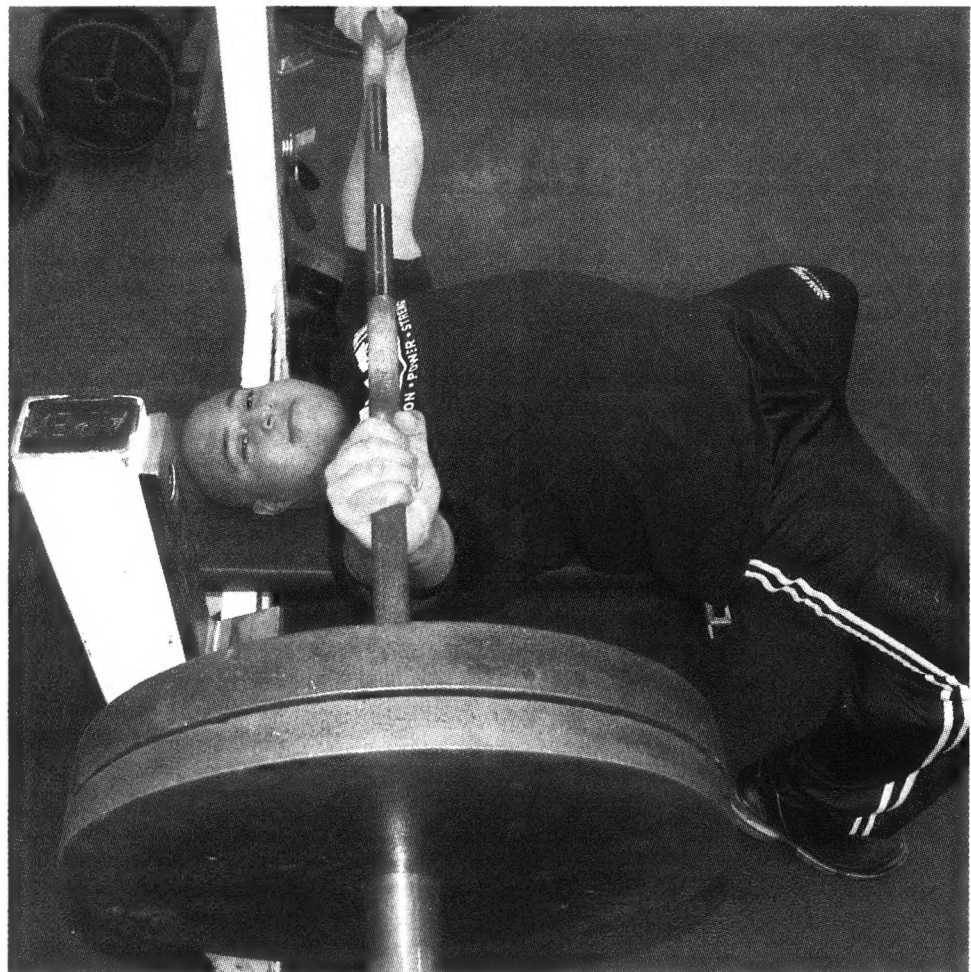
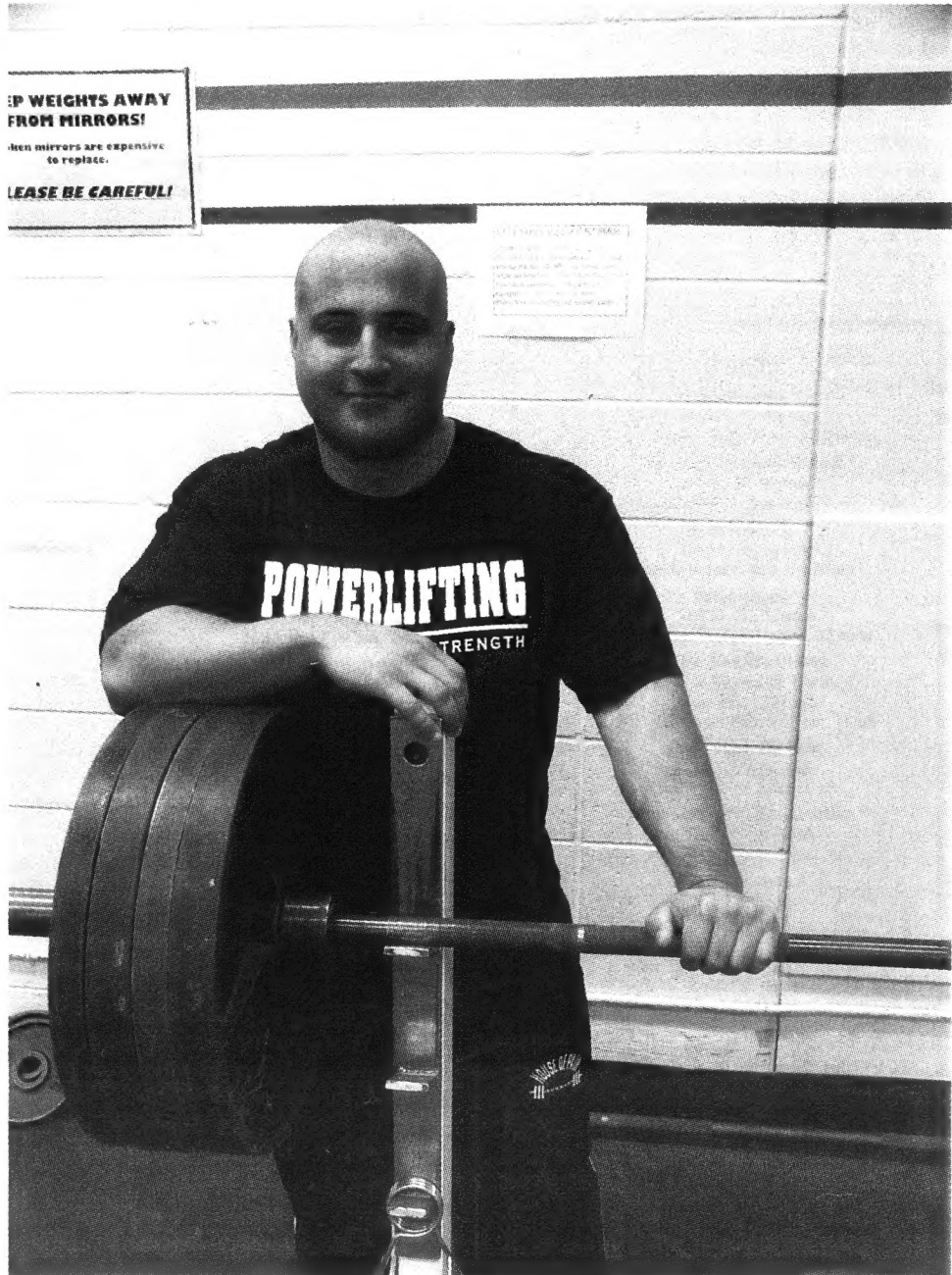
"I want to get rid of the excess body fat. Plain and simple, fat doesn't move weight, muscle does. So I want to be much harder in my weight class," he says. "Nationals were an eye opener. There are some really strong guys out there."

Aguilar says he's always been interested in the human body, which is one of the reasons he wants to be a doctor, and why he would like to do clinical work and practice as a doctor. His PhD research project, something he started as an undergrad, studies one aspect of uterine muscle contraction—an important factor in whether a woman can carry a fetus to term during pregnancy.

"The reason we're doing this is because pre-term birth is quite a big issue. Babies that are born too early, even on the order of a few weeks, have quite significant developmental problems. If we can get rid of these early births, that would be quite an achievement for medicine," he says.

In addition to his academic aspirations, Aguilar has high hopes for the sport of powerlifting.

"I want to bring powerlifting out of the dungeon. That's unfortunately where meets have been held in the past, again because there's no money in the sport. You do it for the love of it, and you have to do it in a place that's not going to cost you a lot of money. With this club we're in the position to host these events in nice venues. I want people to see how great a sport it is." ■



Hector Aguilar, a U of A medical student, will represnt Canada at the IPF Men's World Powerlifting Championships in Miami.



# Internationally esteemed musicians to perform at U of A

*U of A scientist brings Czech musicians to Convocation Hall*

By Caitlin Crawshaw

I like to not only listen passively, but I like to make it happen. Music has always been part of my life, so I think it's nice that I can help the Czech musicians, bring them here, and listen to good music. It's a good feeling.

— Dr. Paul Jelen

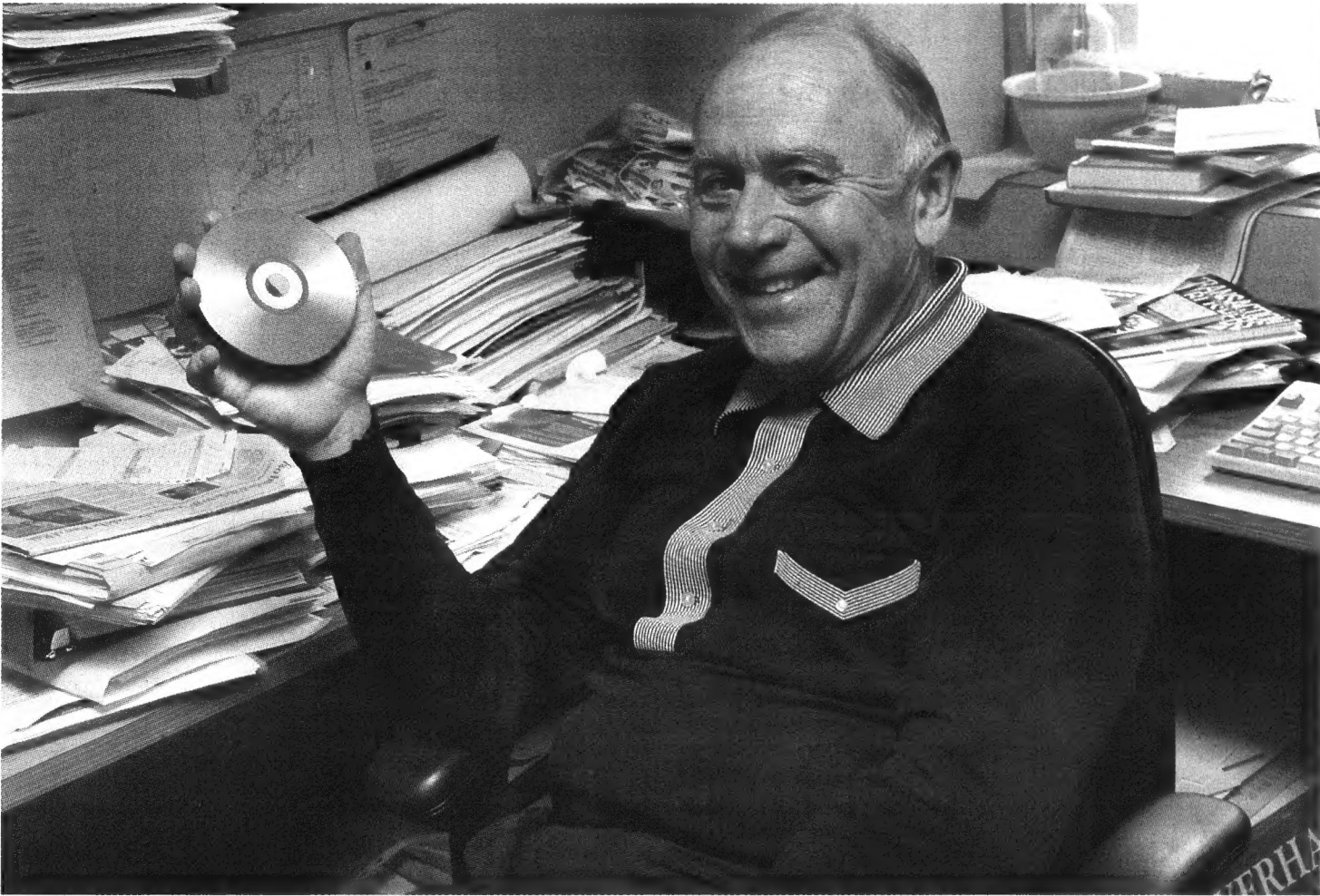
Dr. Paul Jelen has a passion for classical music, and for over a decade, he's worked hard to bring international musical talent to the University of Alberta.

Jelen, a professor in the U of A Department of Agriculture, Food and Nutritional Science, is also the past president of the Czechoslovak Society of Arts and Sciences of Alberta, a group of expatriate Czechs who organize cultural events and lectures in Alberta. In collaboration with the society and the U of A Department of Music, Jelen has organized numerous concerts by Czech musicians over the years.

"I like to not only listen passively, but I like to make it happen," he said. "Music has always been part of my life, so I think it's nice that I can help the Czech musicians, bring them here, and listen to good music. It's a good feeling."

This year, the Czech and Slovak Society of Arts and Sciences of Alberta, the U of A Department of Music and the Wirth Institute for Austrian and Central European Studies at the U of A are sponsoring two upcoming concerts by internationally renowned Czech musicians at Convocation Hall this October, at Jelen's lead.

On October 12, violinist Ivan Zenaty, accompanied by pianist Katarina Zenata, will perform "Fireworks for Violin." The recital will feature works by a number of classical composers, including Mozart, Paganini, Wieniawski, de Sarasate and others.



Caitlin Crawshaw

Dr. Paul Jelen is a lover of music, and he's worked hard to bring some of his favorite Czech musicians to the U of A this October.

And on the Czech National Day, October 27, pianist Boris Krajny will take the stage at Convocation Hall, performing works by Janacek, Suk, Novak, Bach, Chopin and Liszt.

"Concerts featuring the calibre of artists like these don't happen very often," said Jelen.

One of the highlights of the concerts will be two contemporary pieces by Czech composers written specifically for Zenaty.

"I've heard one of them, and I'm told the other one is just as good," said Jelen.

"I'm not a big fan of contemporary music, and it's remarkable that this new contemporary music catches your ear, it's really something."

Jelen and the Czechoslovak Society of Arts and Sciences of Alberta have not only brought performers to Edmonton, but have also been instrumental in creating two CDs from their concerts here. A recording of last year's concert is being released by a local record company, after a previous CD of a concert was produced and sold. In addition to facilitating Czech

music in Alberta, the group has organized numerous lectures, including a talk by an international tunneling expert and consultant to the Los Angeles subway system.

For Jelen, while organizing the musical events can be quite a task, it's worth the effort.

"It's an antidote to all the science and the papers that I write. It's the other side of me. I like music and I've found that it's a way that I can help the old country, help musicians that need the contacts." ■

# New handbook provides students with coping strategies

*Counsellor says guide with benefit staff as well*

By Scott Lingley

Stress in student life is like the weather — the severity may change, but it's pretty much always there. Dr. Kim Maertz of the University of Alberta's Student Counseling Services (SCS) has helped many students cope with life's stormier moments for eight years and has drawn on his experience and the wisdom of other counselors to compile a new handbook of coping strategies for students.

Maertz said *Everything You Ever Needed to Know About Coping with Student Life But Were Afraid to Ask* started its life as a series of handouts he made for clients who came to the Student Counseling Services office to access the free counseling sessions the centre provides. When clients found the handouts useful, Maertz wanted to find a way to put the information in the hands of other students who, for whatever reason, didn't access counseling services on campus.

"There are a lot of students that don't ever come to see us, and if they don't come to see us, they won't get the benefit of those handouts. It's not they don't have these issues — because everyone has stress and depression and sleep problems and procrastination problems — a lot of students might not come in because there's still a perceived stigma around any kind of psychological services," Maertz said. "Consolidating the handouts into a booklet and marketing it will give the more students access to the information."

Maertz said he'd like to see university staff and faculty familiarize them-

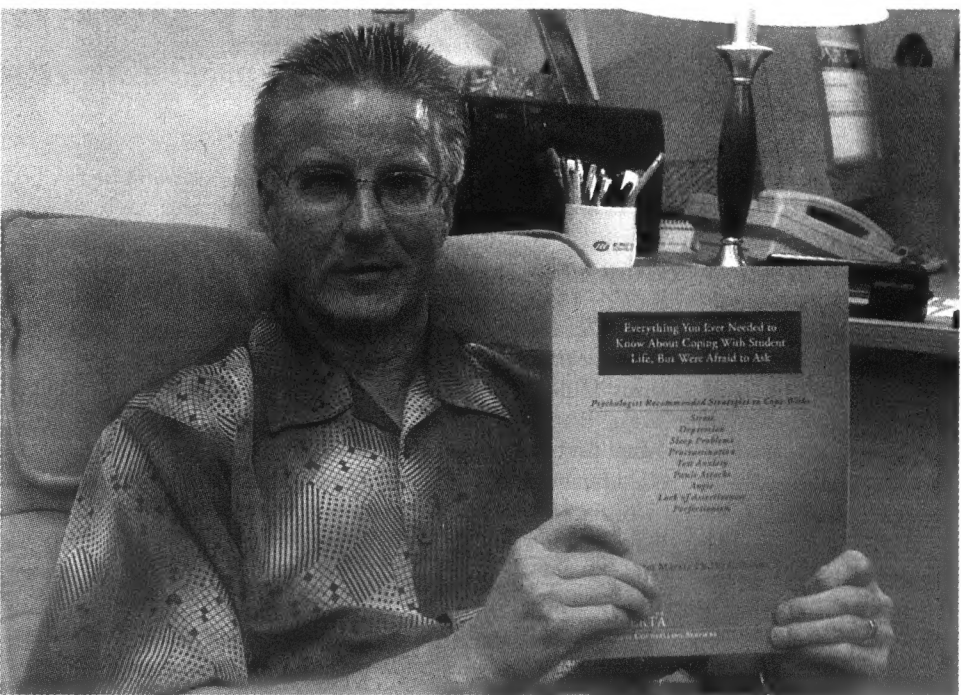
selves with the information presented in *Everything You Ever Wanted to Know* because the issues their interactions with students will no doubt involve the psychological pressures students face.

"Without that knowledge, I think a lot of staff are often in the position where they're not sure what to say and they're not sure how to be supportive and, ultimately, a lot of them opt out any personal role as a result," said Maertz. "The more they're informed, the more they can pass that information on to students and feel like they can have another role, other than just strictly academic."

He added that staff who have checked out the handbook will be more aware of indicators that a particular student is experiencing personal difficulties and will feel more comfortable directing that student to seek the help she or he needs.

Maertz said the handbook is not intended as a substitute for counseling, but was developed as a supplement to the 50-minute sessions SCS offers. However, he said, he's tried to provide comprehensive, succinct information that students can apply to the psychological pressures endemic to university life — stress, depression, anxiety, procrastination, anger and assertiveness issues.

"I thought about which issues are most amenable to self help, because not every client problem is going to be that easy to put down on paper," Maertz said. "We're all doing our best to cope, but the reality is we can cope better with information, and



Scott Lingley

Dr. Kim Maertz of the U of A's Student Counselling Services.

that's really what we provide."

Though students are entitled to 12 free counseling sessions per academic year, Maertz said it's necessary to charge \$10 for the handbook. He said he hopes the revenue generated by sales will allow the centre to create more positions for psychologists at SCS because, with rising enrolment rates, more students becoming comfortable with accessing the psychological services, the centre is busier than ever.

Last year SCS, with an equivalent of 7.6 full time counseling positions, saw 1,194 unique clients for 3,484 appointments.

*Everything You Ever Needed to Know About Coping with Student Life But Were Afraid to Ask* is available at the SCS office (2-600 SUB), the U of A Bookstore and can be ordered online at the link below.

U of A Student Counseling Services:  
<http://www.uofaweb.ualberta.ca/counselling/> ■



# U of A MD provides dose of Cohen

## Local entertainers, robotic dog featured in an evening honouring Leonard Cohen

By Tom Murray

In 2002, Dr. Kim Solez was visiting Aberdeen, Scotland, trying to organize a medical meeting for the next year, when he realized that nobody was paying any attention to him.

"All they wanted to talk about was Robbie Burns, and what everybody was doing for Robbie Burns night," he recounts. "I thought, what a phenomenon! Then it occurred to me; why is only Robbie Burns honoured in this way, and why not do the same thing for Leonard Cohen?"

Now, most people wouldn't react in such a way, but Solez had already had an earlier Cohen epiphany. It was in 1987, when he moved from Baltimore and his position at Johns Hopkins University to Edmonton to become chair of the Department of Pathology at the University of Alberta. Trying to get a feel for his new country, he took his family on a road trip through B.C., ruminating all the while on the recent changes in his life. At one point, the CBC program *As It Happens* came over the radio, with an extended segment on Cohen. Solez was immediately entranced, not only by the music, but also by the extent of Cohen's artistic endeavors and philosophy. "It's not just about the music; there are novels, poetry, songs, there's a whole graphic arts side to him – he's just a cool person with a lot of depth that goes beyond any one medium."

Spurred on by this and his Aberdeen experience, plus a subsequent visit to an international Cohen event in Greece, Solez went ahead with Edmonton's first Leonard Cohen Night in September of 2002. The event was a success, and the subsequent celebrations built on the initial momentum, bringing local musicians like Ben Sures, the Chickadivas and Terry Morrison to entertain, along with spoken word artists, art and photography exhibits. This year's Leonard Cohen Night, which celebrates the Montreal native's 71<sup>st</sup> birthday, will showcase the talents of local musicians Dale Ladouceur and Ann Vriend among others, along with a lecture by Cohen biographer Ira Nadel. On a lighter note, Solez will once again use his Sony Aibo Robotic Dog to 'sing' Cohen songs, in this case *The Great Event*, an aptly chosen number, since Cohen programmed his own computer to

"It's not just about the music; there are novels, poetry, songs, there's a whole graphic arts side to him – he's just a cool person with a lot of depth that goes beyond any one medium."

– Dr. Kim Solez

sing it in the album version.

"In a way, it's kind of a symbol of what we've been doing from the beginning," notes Solez.

There is an Edmonton link of sorts; Cohen visited our city for five weeks in 1967, after which he quickly rose to his current level of celebrity. "Every time he recited or sang, the room was suddenly packed. People were showing up at his hotel room. The visit to Edmonton changed his life; it was his first real taste of fame."

More importantly, it was an encounter with two University of Alberta undergrads that prompted him to write one of his most enduring songs, *Sisters of Mercy*. Last year's Leonard Cohen Night was notable for the unveiling of a lost photograph showing Cohen with his twin muses.

Solez, an expert in nephrology and transplant organ biology, is best known outside Cohen circles for writing the book on assessing the condition of transplanted organs in organ recipients. His reputation in the medical field, he says, has been buttressed by his decision to move to Canada. While his passion for the art of Leonard Cohen is the prime motivator of the event that he spends a great deal of time planning, he's also quick to note that there are other, equally important reasons for his yearly event.

"It's also about celebrating the richness of Canadian culture," he insists. Solez is serious about that; through his efforts, Ann Vriend, a contributor to the last two Leonard Cohen Nights, and a fan who counts Cohen as an influence on her own songwriting, will be playing Berlin's version of the festival in August of 2006. "It's quite an honour," she says, "and I'm grate-



Leonard Cohen fan Dr. Kim Solez, his robotic dog Boris and student Mark McVea, who helped Solez organize Leonard Cohen Night 2005.

ful that Kim has given me the opportunity to do this."

"I've really benefited tremendously from being here," Solez continues. "Most of the things that I'm well known for are in medicine. I think if I'd stayed in the U.S, I don't think I could've done those things. There just isn't the freedom, the culture to

so those things. I am very high on Canada. Celebrating Cohen is just a way for me to celebrate this region, this city, this country."

Leonard Cohen Night 2005 takes place on Saturday, Sept. 24 at the Westin Hotel (10135 -100 St.), starting at 5:30 p.m.

<http://www.leonardcohen nights.org/2005/Default.htm> ■

# Authors analyze family business success stories

## Mom and pop businesses more successful than the public assumes, say researchers

By Iris Tse

A new book by senior research associates at the University of Alberta has found that family-controlled businesses regularly and dramatically outperform other kinds of business organizations.

In their new book, *Managing in the Long Run: Lessons in Competitive Advantage from Great Family Businesses*, Dr. Danny Miller and Isabelle LeBreton-Miller argue that family-controlled businesses often perform better than non-family-controlled business. For every T. Eaton Co. Ltd., there are success stories Michelin, IKEA, Estee Lauder, Wal-Mart, Coors, L.L. Bean, Levi Strauss, S. C. Johnson and more. The book is recommended by the JP Morgan Private Bank as part of its annual summer reading list for its high net worth clients

According to Miller, a research chair at the U of A School of Business, our impressions of family-controlled businesses are often based on the very public collapse of the few unsuccessful companies. We're mostly unaware of successful family businesses because of their private nature.

"These people don't like to brag about their success. Even when they're ahead, they try to stay under the radar," he said.

The Millers' research has found that

family-controlled businesses often enjoy success in more than one area, including revenue growth, market valuation, return on assets, return on equity and total shareholder returns. They also place bigger emphasis on human resources, training and social benefits for their workers.

Many of these companies are well managed through many generations and have become leaders in their fields.

"We have specifically chosen companies that have performed well for more than 20 years, and in some case, more than 50 years. In fact, we have taken care to not include one-generation enterprises in the book," said Miller.

Multi-generation interests and continuity of success are the main motivators for these family-owned businesses, as their family reputation and future operation are at stake. In addition to continuity, the authors have found that successful family businesses all achieved a balance between the other three C's: community, connection and command.

Unlike most publicly held companies, family businesses measure their success on a different scale. They are uninterested in quick profits and short-term goals.

"Most of the executives of publicly held

companies are on the job for five years and

these companies are more concerned with

quarterly earnings. However, family-owned

businesses are in there for the long run."

– Dr. Danny Miller

Their majority ownership frees them from the restraint of shareholders and affords them the freedom to act fast and take risks that allow them to become trendsetters of their field.

"Most of the executives of publicly held companies are on the job for five years and these companies are more concerned with quarterly earnings. However, family-owned businesses are in there for the long run. It might even take decades for some of their ventures to pay off," said Miller, who cited Corning's investment in fibre optics as an example.

"They're not there for one-step bargain deals with their suppliers. They're there to establish long-term relationships and con-

nections that could be five, 10 or 20 years," added LeBreton-Miller.

And unlike most multi-national companies, family businesses usually retain a close connection with their employees and often create a sense of belonging from their workers.

"They often inspire great loyalty as well. If the employee is strapped, the company as a family is there for them; and alternately, if the company is in trouble, the workers are willing to go the extra mile to help the company and the family," said Miller.

Though one of the book's few Canadian examples, Bombardier, is in financial trouble right now, the authors still insisted on including the company in the book. They said that Bombardier is a perfect example of what can go wrong if there's too much focus on one of the C's and how that can upset the balance of the company.

"The four C's are powerful tools that can give them a significant advantage. But there are down sides," said LeBreton-Miller.

"A big part of the book is showing how these C's have to be balanced. You can't have any one of them at an extreme. The balance will have to adjust according to their business strategy." ■



# The shadow over consumers

*U of A research shows how easily shoppers are influenced by one another*

By Ryan Smith

New research from the University of Alberta reveals just how self-conscious and easily influenced consumers can be. Through a series of carefully controlled experiments at a campus bookstore, researchers learned that consumers will, in every case studied, spend more money to buy a brand name item when someone they don't know is standing near them at the time they choose their purchase. Consumers also tend to spend more money when a group of people is standing near them but are more inclined to buy cheaper items when no one is near.

"We were shocked to find that the mere social presence of another shopper apparently has a huge affect on consumer behavior," said Dr. Jennifer Argo, a marketing professor in the U of A School of Business and lead author of the study, which is published in the September 2005 edition of the *Journal of Consumer Research*.

For her study, Argo hired students to go to a campus bookstore to purchase batteries, an item Argo terms "neutral" because no one will likely see you use it other than at the time you buy it. The students were given a specific amount of money and told they could buy any brand of batteries they like and could keep the change. They were not told that their behavior was being monitored as a part of an experiment.

Argo also hired people to act as customers, and she placed them strategically around the store. Sometimes the consumers studied were alone in the store, other times one other person was near them in the batteries section, and sometimes there were groups of three people in the section. Elements of the experiment were videotaped, and the consumers studied also filled out surveys to describe their experi-

"We found that high traffic around a consumer makes them anxious, but they also felt anxious when they were isolated, and we know that when a consumer is in a negative state of mind they tend to spend less money,"

— Dr Jennifer Argo

ence in the store. Conditions to set up the experiment were pre-arranged with the bookstore managers.

"The best situation for the store is one in which there is one other person standing close to a consumer," Argo said. "Consumers reported being most comfortable in this situation, and we saw them spending the most money in this state, as well."

"We found that high traffic around a consumer makes them anxious, but they also felt anxious when they were isolated, and we know that when a consumer is in a negative state of mind they tend to spend less money," Argo added.

Argo thinks the fact that consumers tend to spend more money when one other person is nearby may have something to do with consumers' level of comfort and their wanting to avoid being perceived as cheap. As for applying the results of her research, Argo thinks store owners could increase their profits if they avoid layouts in which products are placed in isolated corners or areas of high traffic.

Argo acknowledges the limitations of the study, saying that consumer behavior when one is shopping for a five dollar package of batteries is likely different compared to shopping for other items, particu-



Dr. Jennifer Argo

larly more expensive ones, such as a car, for example. But she is eager to conduct further research to learn more.

"This has been a lot fun," Argo said.

"It's out-of-the-lab, real world research, and we've learned a lot about real world behavior. That's pretty exciting for a researcher." ■

# Prof probes impact of post-9/11 surveillance

*Sociologist thinks Canadians should question increased security*

By Ryan Smith

Immediately after the 9/11 Al-Qaeda terrorist attacks, government officials in both the U.S. and Canada were quick to pass legislation to increase surveillance of their citizens. But now, four years later, as fear of further terrorist attacks has become less acute and suspicion of government leaders' motives has heightened, more and more people are starting to question the increased invasion of their privacy, says Dr. Kevin Haggerty, director of the criminology program in the University of Alberta Department of Sociology.

"Right after 9/11 it was impossible for anyone to say no to anything that would purportedly increase security," said Haggerty, who recently co-authored a paper on the use of surveillance as response to terrorist threats, which was published in the *Canadian Journal of Sociology*.

Increasing the ability of lawmakers to monitor our Internet use, financial transactions, personal movements and cell phone use were just a few of the measures in the U.S. Patriot Act and the Canadian Public Safety Act that became law shortly after 9/11. But many of these measures had been proposed and rejected as unwarranted privacy invasions prior to the 9/11 attacks, Haggerty said.

The steep increase in surveillance infrastructure after 9/11 has been "intensive" and has "proceeded with little public debate or protest," he added. "But polling and censor numbers are showing us that people have lost some of their trust in authorities, and we are now looking more critically at the restrictions being placed on our civil liberties."

There are many reasons to question increased surveillance, Haggerty believes.

"The more we know about surveillance and its uses, the more we can be aware of how and why it can be used to manipulate us, and the more in control we can be of our lives and the choices we make."

— Dr. Kevin Haggerty

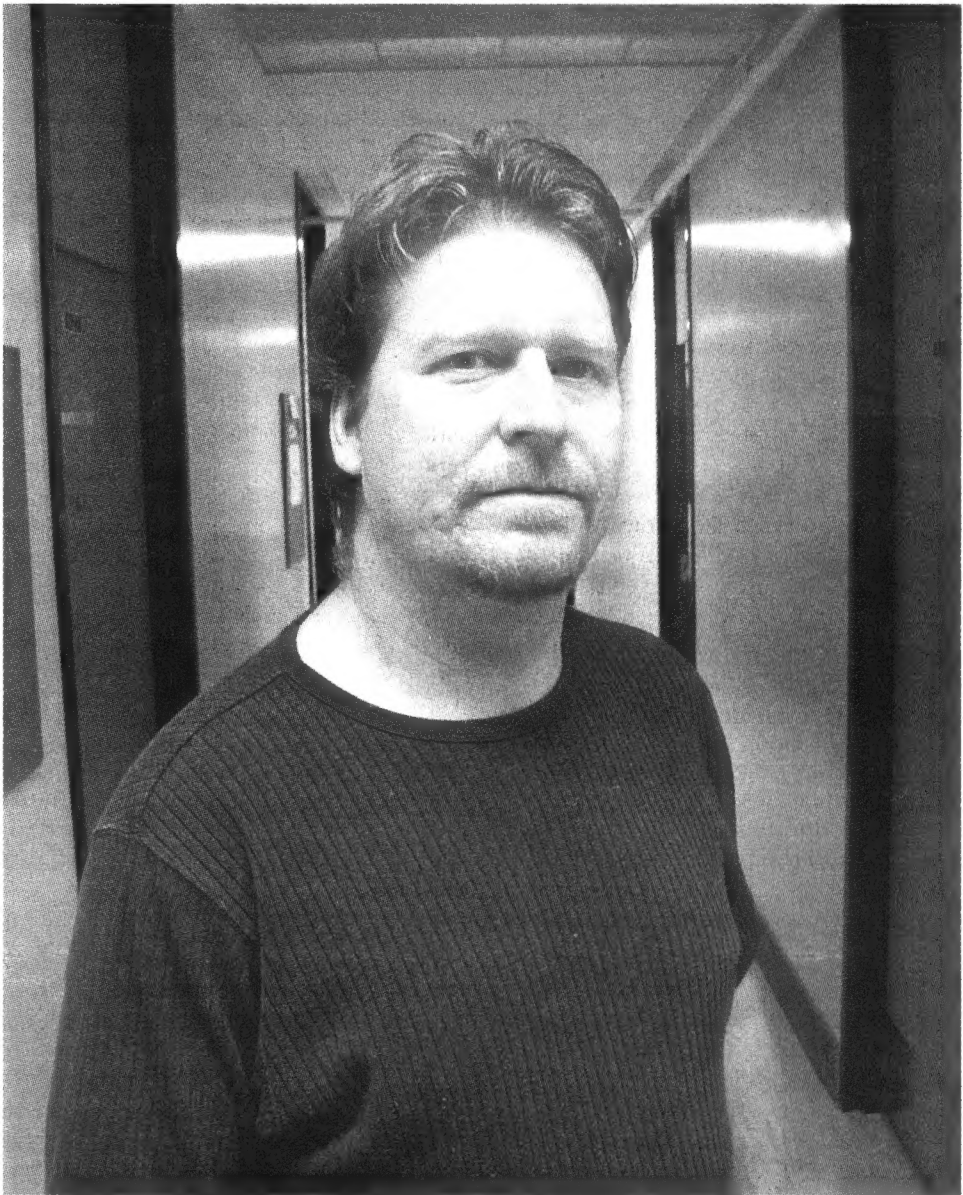
For one, it is difficult to reverse the expansion of a surveillance infrastructure once it has begun. Moreover, even if you trust the people doing the monitoring, we have repeatedly seen how information gathered for one purpose can be used for other more questionable purposes.

Also, much of the new surveillance often involves forms of racial profiling, "and this is, of course, offensive to those people subjected to the heightened scrutiny," said Haggerty, who has co-edited a book, *The New Politics of Surveillance and Visibility*, which will be published later this year.

Increased surveillance can also reduce our sense of privacy, which is "the cornerstone of a liberal democracy," he added. "Without a sense of privacy, we tend to self-censor, and we don't say what we really think—it's hard to quantify, but it's a huge loss."

Haggerty doesn't believe surveillance measures are without merit, but he does believe that "knowledge matters."

"The more we know about surveillance and its uses, the more we can be aware of how and why it can be used to manipulate us, and the more in control we can be of our lives and the choices we make." ■



Dr. Kevin Haggerty thinks our sense of privacy can be negatively impacted by increased surveillance.



# Mental declines can be reversed, study finds

*Most of the population can fend off cognitive decay with good mental habits, says researcher*

By Ryan Smith

As people get beyond retirement age, many are not as mentally sharp as they once were. But a researcher at the University of Alberta says most of us have the ability to reverse the mental declines that come with aging.

"Can we reverse mental declines? Well, for most of us, the answer is yes, and I think that is definitely exciting and encouraging news," said Dr. Dennis Foth, a professor in the University of Alberta Faculty of Extension and the academic director of the U of A's Certificate in Adult and Continuing Education.

Foth and his research colleague, Dr. Gordon Thompson of the University of Saskatchewan, also found in their literature review that mental declines related to aging are not universal (they affect some more than others), and they are not pervasive (the declines normally affect different parts of our cognitive capacities to varying degrees).

Foth said mental declines are pathological for about 10 per cent of the general population over the age of 65, and not much can be done at this time to overcome the debilitating cognitive effects of diseases that affect the brain, such as Alzheimer's disease. But

for the other 90 per cent of the population, cognitive decline need not be inevitable.

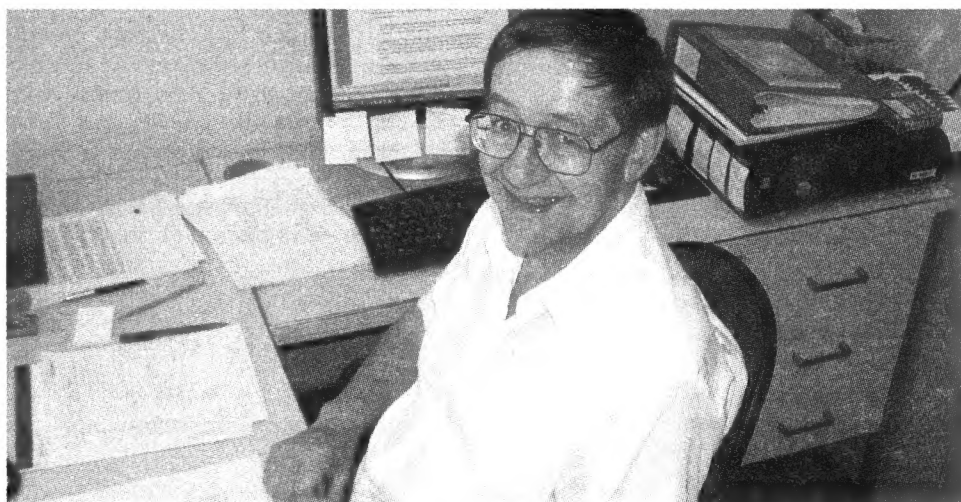
"A lifetime of good mental habits pays off," Foth said. "People who are curious at a young age are more likely to be mentally active and stay active as they age. And we found it is never too late to start. With a little effort, even people in their 70s and 80s can see dramatic improvements in their cognitive skills."

There are many different types of classes and mental exercises that people can do to keep their minds vibrant, Foth said, but the trick to getting more people to maintain or even improve their cognitive abilities is "ecological validity."

Ecologically valid activities are those that people do on regular basis as part of their daily lives, said Foth, whose paper with Thompson is published this month in *Educational Gerontology*.

Examples of "ecologically valid" activities that can improve mental capacity include reading, traveling, memorizing poetry, playing card games, doing crossword puzzles, learning how to play a musical instrument, taking continuing education courses and surfing the Web.

Foth and his colleagues are beginning



Dr. Dennis Foth is proving that when it comes to your brainpower, if you don't use it, you'll lose it.

to study these activities to determine which ones improve which cognitive skills. He believes this research can lead to the development of learning programs and activities that can isolate mental declines and reverse them. He added that attitude can play an important role in maintaining cognitive skills throughout life.

"People often describe their memory skills as being far worse than they actually are, and this type of attitude can start

a vicious cycle," Foth said. "These people won't enroll in a class that might be beneficial to them because they believe they wouldn't be good at it, and then their mental skills may indeed begin to decline. We have to protect against that."

Foth will teach a six-week course on Tuesday evenings starting Oct. 4 entitled "Not Just Aging But Aging Well" through the Faculty of Extension, U of A. Call 492-3093 for information. ■

## U of A launches rural newspaper award

*Editor of the Okotoks Western Wheel first award winner*

By Beverly Betkowski

As part of its ongoing initiative to strengthen ties with rural Alberta, the University of Alberta launched a new editorial award September 17 at the Alberta Weekly Newspapers Association (AWNA) convention, held in Edmonton. John Barlow, editor of the Okotoks Western Wheel, was the first-ever recipient of the annual University of Alberta writing award, which carries with it a \$500 prize.

The award will be given out each fall to a weekly newspaper reporter/editor who pens the best story in one of three areas: postsecondary issues; a U of A student making a significant contribution through his or her education; or U of A research being conducted in or for a rural community.

"The writing award helps raise aware-

ness of what a solid role the University of Alberta plays in rural Alberta," said Lee Elliott, Director of Public Affairs in the Office of External Relations. "Partnering with AWNA ensures that the U of A will continue to be seen as a community presence throughout the province."

The University of Alberta is a vital part of the province, including the rural community. Each year, the U of A welcomes hundreds of new and returning students to its classrooms, to help them pursue their aspirations for higher learning.

The U of A is also a strong community citizen in rural Alberta, conducting research which serves to benefit residents in many vital areas—health care, education, business, environment and overall

general quality of life.

Rural media—community newspapers in particular—play an important role in sharing the U of A's goals and knowledge with their readers.

The U of A has made other important strides in rural Alberta, including its most significant contribution: Augustana Faculty in Camrose, home to 1,050 students, 55 faculty and 115 staff. In addition, agreements have been signed with several rural colleges, including Fort McMurray, Vermilion, Olds and Medicine Hat, that will allow postsecondary students to stay in their own communities while earning their University of Alberta degrees, Elliott noted.

Barlow's story was about Shirley McDonald, a PhD student in the University of Alberta's Department of English and Film Studies, who is transcribing the Sheppard journals, a set of diaries kept

in the first half of the twentieth century by High River rancher Henry Norman Sheppard and his two sons, Henry Jr. and Bert. Barlow.

The three sets of handwritten diaries, consisting of 35 books, were sitting untouched in the Museum of the Highwood in High River before McDonald, in pursuit of her Master's degree, adopted the project and began work in 2000.

Barlow, a reporter for 15 years, immediately saw the value for his readers in McDonald's work. "It was an interesting story about a historical feature in our area that was quite popular, and for an educational facility to take an interest in it was worth writing about."

"We appreciate the University of Alberta taking an interest in community journalism and anytime institutions can work together recording our history is wonderful." ■

ATLANTIS

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*Brian D. Johnson, N.I.G.E.L.I.N'S*

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*Kenneth Turan, LOS ANGELES TIMES*

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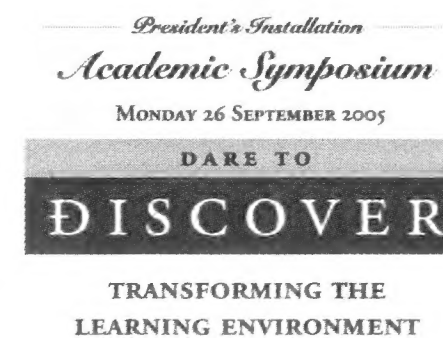
*Indira Samarasekera believes  
the University of Alberta is close  
to becoming one of the greatest  
places in the world to study  
science, the arts, and absolutely  
everything in between.*





“Without imagination, you can’t ever ask the questions that would allow you to discover new knowledge.”

## CELEBRATING IMAGINATION AND KNOWLEDGE



Following the installation ceremony, the celebration will continue on the afternoon of Monday, September 26, with an academic symposium—the first of its kind at the University of Alberta.

“The installation is a chance to have a big bash, full of people talking about the U of A. I think it really draws attention to the fact that the university is fundamentally a place of discourse and debate on important topics,” said Samarasekera. “I think the symposium makes a state-

ment about what our university is all about.”

The forum, entitled *Dare to Discover: Transforming the Learning Environment*, is the first academic symposium to accompany a presidential installation. While it’s a brand-new concept, it’s been so well-received that the event is now sold out, as is the installation. Approximately 1100 people are signed up to attend the symposium, and nearly 2400 people will fill the Jubilee Auditorium for the installation.

The symposium will involve a panel discussion featuring Nobel Laureates Dr. John Polanyi and Dr. Richard Taylor, playwright Sharon Pollock, former U of A provost Dr. Doug Owsen, former U of A Dean of Medicine and Dentistry Dr. Lorne Tyrrell, U of A professor and Royal Society of Canada President-Elect Dr. Patricia Demers, former Students’ Union Vice-President (Academic) Lisa McLaughlin and U of A Chancellor Dr. Eric Newell.

## CELEBRATING GREAT CANADIANS

*Four exceptional Canadians will receive honorary degrees at installation ceremony*

It’s not every day that Indira Samarasekera’s extended family meets, but this weekend nearly 250 of her relatives and friends from across the globe will come together at the University of Alberta to celebrate her installation as president.

“It’s truly a good excuse for a family reunion,” she says with a smile. “This is probably the first time in thirty years that a good chunk of the extended family has gotten together, because we have scattered all over the world.”

The new president’s guests hail from as far away as Sri Lanka, the Philippines, the United Kingdom, the USA and cities across Canada. But Samarasekera is quick to point out that the event isn’t really about her. The event is about something much broader.

“An installation is about celebrating a university, that’s what it’s really all about,” Samarasekera notes.

Many of the 2400 who will attend the ceremony will certainly have a different idea: given the new president’s long history of successes, particularly as an internationally esteemed metallurgical engineering researcher at the University of British Columbia, and now as the first female president of the U of A, it seems likely that many of them are celebrating Indira Samarasekera for her own sake.

In fact, her history may speak volumes about her broad vision for the U of A. Her Sri Lankan roots, she says, have strongly influenced her values—particularly her view of postsecondary education.

“Sri Lanka is a poor country, a third world country with no resources other than people,” she explains. “When you grow up in a climate with no resources other than people, you really value education.”

She adds that the universities in Sri Lanka were very competitive when she was growing up, since they were highly

subsidized by the government and had limited numbers of places for students.

And because of Sri Lanka’s history—particularly its 500 years of colonization by the English, Dutch and Portuguese—the country is more open to the influence of different cultures than other third world states. This appreciation for different cultures has also influenced her, she says.

It has certainly shaped her vision of the U of A. People and ideas from around the world are a key component of a great university, Samarasekera explains.

“A great university is ultimately about its students, its faculty—it’s about its people,” says Samarasekera.

It is her hope that the U of A will join the ranks of the world’s great universities. But she emphasizes that a great university requires balance—fields within the arts and sciences must prosper equally. After all, arts and sciences inform each another in important ways.

“They’re both really important because they encourage two halves of your brain,” she explains.

“Science is about finding answers to questions, but it’s operating within a certain segment of reality. What do we currently know, and how do we make new discoveries by asking questions that may push a boundary here or there. But it’s very constrained within what is current reality.”

But when it comes to the arts, there’s no constraints on our imaginations, she muses.

“Art helps us to begin to imagine new worlds, new possibilities in ways that you

can’t easily do in science. I think it’s the intuition and the imagination that the arts cultivate that I think is essential for science.”

In fact, Samarasekera says she’d side with Einstein in figuring that imagination is truly more important than knowledge. “Without imagination, you can’t ever ask the questions that would allow you to discover new knowledge,” she offers, noting that Einstein believed himself a mediocre mathematician—it was his vision of the universe that changed science.

It seems that Samarasekera’s vision for the U of A is similarly broad. But what will it take to become a great university, as she sees it? The U of A’s twelfth president believes we’ve already got what it takes.

“I think the U of A has great students. Alberta has the best public education system in the world, and the students who come here are among the best in the world. Faculty is the other thing that makes a university great—and we’ve got outstanding faculty at the U of A.

Samarasekera’s sense of history, too, shapes her image of what it takes to be great.

“When you look back over the century, you are struck by the energy, the optimism and the confidence of the people who built the University. They laid a foundation that can support achievements we haven’t even dreamed of yet.”

As the University of Alberta community inaugurates its twelfth president, Dr. Indira Samarasekera, it will also pay tribute to four outstanding Canadians.

Acclaimed singer Susan Aglukark, internationally known medical educator Dr. John Evans, Nobel prize-winning chemist Dr. John Polanyi and esteemed playwright Sharon Pollock will receive honorary degrees from the University of Alberta on September 25, 2005.



### MS. SUSAN AGLUKARK

An Inuit singer and songwriter, Susan Aglukark uses her music to communicate messages of peace, hope and understanding, intertwining traditional Inuk chants with contemporary pop melodies. Since first featured on CBC Radio, Aglukark has performed for Her Majesty Queen Elizabeth II, Nelson Mandela, former Canadian Prime Ministers Jean Chrétien and Brian Mulroney, French President Jacques Chirac, and many others. For her work she’s received many awards, including the Vista Rising Star Award from the Canadian Country Music Association in 1994, and a Juno award in both 1994 and 1995. In addition to her music, Aglukark acts as a powerful role model for Inuit youth.

Aglukark’s efforts will be honored with a Honorary Doctor of Laws.

### DR. JOHN EVANS

Dr. John Evans is known nationally and internationally as a leader in medical education, business and public service. In 1965, he became the founding dean of medicine at McMaster University. As an innovator in medical education, he provided unique leadership in developing new approaches to medical education and curriculum. As president of the University of Toronto from 1972 to 1978, he championed the new University of Toronto Act and also focused on the university’s accountability to the public and its community outreach.

Evans has played a prominent role in international health by conducting stud-

ies on population-based medicine for the Rockefeller Foundation, and served as chair of the Rockefeller Foundation and director of the Population, Health, and Nutrition Department of the World Bank. Additionally, he’s a leader in various initiatives and business ventures including founding chairman of the Canada Foundation for Innovation (CFI). Evans has been broadly recognized for his work and is a Companion of the Order of Canada, member of the Order of Ontario, Fellow of the Royal College of Physicians of Canada, Fellow of the Royal College of Physicians (London), Master of the American College of Physicians and Fellow of the Royal Society of Canada.

For his influential work, Evans will receive an Honorary Doctor of Science.

### DR. JOHN POLANYI

Dr. John Polanyi is the recipient of the 1986 Nobel Prize in Chemistry for his work on the dynamics of chemical elementary processes.

Polanyi has received many other awards and honours during his career, including the Henry Marshall Tory Medal of the Royal Society of Canada, the Wolf Prize in Chemistry, the Royal Medal of the Royal Society of London and the John C. Polanyi Lecture Award of the Canadian Society for Chemistry. He has also received numerous honorary degrees from universities in Canada, England, Israel and Italy. Polanyi is a Fellow of the Royal Society of Canada, an Honorary Fellow of the Royal Society of Chemistry of the United

Kingdom, and of the Chemical Institute of Canada. Additionally, he is a member of the Queen’s Privy Council for Canada and a Companion of the Order of Canada.

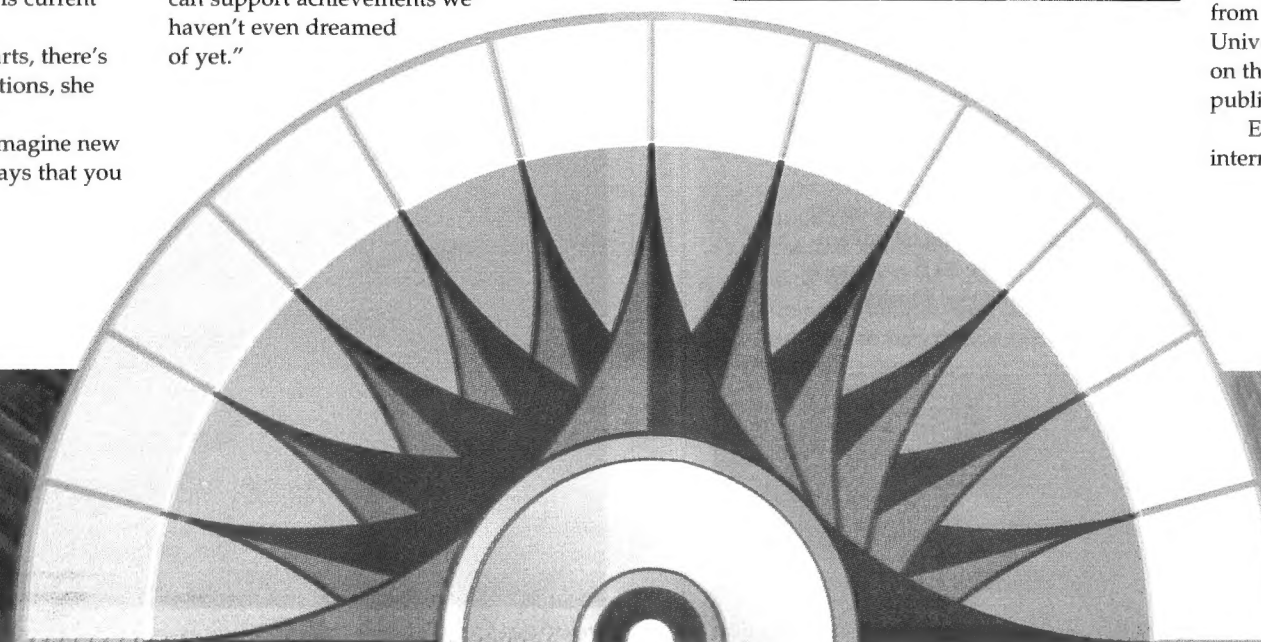
For his multitude of accomplishments, Polanyi will receive an Honorary Doctor of Science.

### MS. SHARON POLLOCK

One of Canada’s leading English-language playwrights, Pollock is celebrated for her thought-provoking themes and innovative dramatic structures. She has published 13 plays that have been produced around the world. She has written award-winning plays for radio, television, and children’s theatre, and is an accomplished actor, director, and theatre administrator. Pollock received national acclaim for her play *Blood Relations* (1981), which told the story of Lizzy Borden, the infamous New England woman tried and acquitted for killing her father and step-mother in 1892. The play has been translated into French and Japanese, and produced across Canada and in London and New York.

The acclaimed playwright has many awards to her credit, including two Governor-General’s Awards for Drama, the Canada Australia Literary Award in 1987, the Japan Foundation Award in 1995, the Nellie Drama Award and a Golden Sheaf Award for her television writing. Pollock is also an outspoken and uncompromising advocate for Canadian drama.

For her fine work on and off stage, Pollock will receive an Honorary Doctor of Letters.





# REFLECTING ON THE PAST

*A look at the presidents who shaped the University of Alberta we know today*

**W**ith her installation as president, Dr. Indira Samarasekera adds her name to an illustrious list of leaders whose passion for learning, teaching and research spanned the entire academic spectrum and whose commitment to the University of Alberta formed the foundation for its present stature and future promise.

Dr. Henry Marshall Tory, 1923  
Frederick Varley  
Oil on canvas  
University of Alberta Art Collection  
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## HENRY MARSHALL TORY (1908 – 1928)

Nova Scotia-born Tory had intended to become a Methodist minister, but ultimately pursued a broad education in the arts and sciences and became a mathematics professor at McGill University. He was sent to Vancouver in 1904 to help establish a McGill College West, the institution that would evolve into UBC. Stopping in Edmonton on his return east, he became friends with Alberta premier Alexander Rutherford and encouraged the formation of postsecondary institutions in Edmonton and Calgary. When it came time to find a president for the U of A, Rutherford recruited Tory. In 1911, Tory helped establish the Industrial Laboratory and, later, the University Scientific Association at the U of A to provide scientific advice and research assistance to private industry in the province and to partner with government to channel public monies into applied practical research. This association would become the Alberta Research Council and set a blueprint for the National Research Council, of which Tory became chairman after his "retirement" from the U of A. In 1942 at the age of 74, Tory helped found and became the first president of Ottawa's Carleton College, a position he held until his death in 1947.

## ROBERT C. WALLACE (1928 – 1936)

Born in Scotland, where he studied geology, Wallace came to the University of Alberta from the University of Manitoba and undertook the presidency just as the worst years of the Depression hit. His shrewd management of the university's embattled finances in this time prevented the loss of many gains made in the first 20 years of its existence. He also advocated exploration and development of Alberta's tar sand deposits. Wallace expressed sentiments that would resonate with the current

president of the U of A when he said, "The keynote of a liberal education is humanism. Scientific progress has transformed the mechanism of civilization but it has overlooked a humanistic note which the world needs and which only a classical education can adequately provide. It is becoming essential to understand science from the philosophical viewpoint."

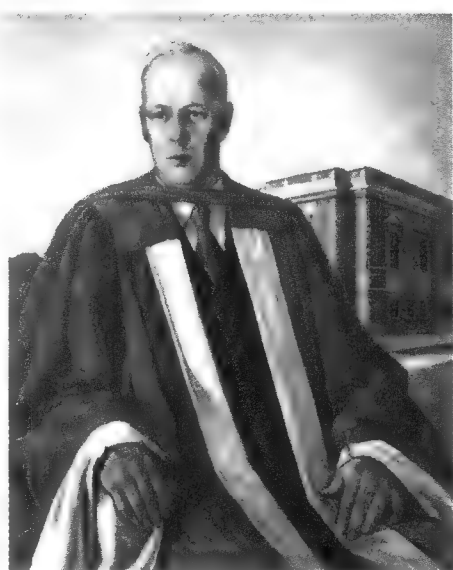
Dr. William Alexander Robb Kerr, 1941  
Nicholas de Grandmaison  
Pastel on paper  
University of Alberta Art Collection  
Museums and Collections Services



## WILLIAM A.R. KERR (1936 – 1941)

The first dean of the Faculty of Arts and Sciences, Kerr assumed the presidency as government funding cuts to the university's budget took their toll. In a single year the U of A suffered a drop of almost \$200,000 in funding, taking the total budget of the university from \$1.2 million to \$1,089,000. Kerr kept the University of Alberta stable despite severe financial strain. He also promoted the notion that U of A students would be in the front line of a 20th century intelligentsia that would promote tolerance and cooperation in a world where diverse peoples were increasingly being brought into contact by technology.

Dr. Robert Newton (n.d.)  
Henry G. Glyde  
Oil on canvas  
University of Alberta Art Collection  
Museums and Collections Services



## ROBERT NEWTON (1941 – 1950)

Newton joined the U of A staff in 1919 as a professor of agriculture and, after a stint at the National Research Council,

became Dean of Agriculture in 1940. As president, he played an important part in the framing of the University Act of 1942, which transferred jurisdiction over academic matters from the Senate to the General Faculty Council and vested all final authority in the Board of Governors, expanding its powers from those of a financial overseer. During his tenure, Newton also served as director of research for the Alberta Research Council (1941-1951).

## ANDREW STEWART (1950 – 1959)

During his tenure, Stewart helped create the Faculty of Graduate Studies and Research, and the U of A's top PhD students are to this day recognized with a prestigious graduate award bearing his name. Stewart was also a strong supporter of Studio Theatre. He advised the fledgling theatre to mount a performance for the Board of Governors by way of persuading the university to devote more resources to the theatre. When their production of Macbeth for the board was almost delayed because set construction fell behind, Stewart and one of his sons showed up with carpentry tools in hand. The additional support for Studio Theatre was granted.

## WALTER H. JOHNS (1959 – 1969)

Johns started his career at the U of A as a professor of classics in 1938 and moved into administration, eventually becoming president. During his tenure enrolment at the U of A tripled from 5,000 to 15,000 students, necessitating the expansion of course offerings, graduate programs and the campus itself, with the construction of the Henry Marshall Tory Building, the Biological Sciences Centre, the Clinical Sciences Building and the Students' Union Building. In the same time, the university's budget increased six fold. Johns also encouraged greater student participation in university governance.

## MAX WYMAN (1969 – 1974)

The first U of A alumnus to become president, Lethbridge-born Wyman was, like the university's first president, a professor of mathematics, joining the Faculty of Science in 1943 and gradually progressing through the levels of administrative responsibility. His support of the sciences brought the U of A to national and international prominence, but Wyman also took an active interest in social and legal issues, serving on the Board of Review for Provincial Courts in Alberta and as the chair of the Alberta Human Rights Commission in later half of the 1970s. He received an honorary Doctor of Laws degree by the U of A in 1982.

## HARRY GUNNING (1974 – 1979)

Gunning's advocacy of the chemistry department as a cornerstone of science and education in Alberta is well known, and the department grew in size and stature thanks to his active involvement. His presidency was attended by numerous national and international awards, and in 1979 he was made an Officer of the Order of Canada. In addition to his devotion to science, Gunning served as the chair of the national advisory board for the creation of the Canadian Encyclopedia. In 2001, the U of A's chemistry building was renamed in honour of Gunning and fellow chemist Dr. Raymond Lemieux.

## MYER HOROWITZ (1979 – 1989)

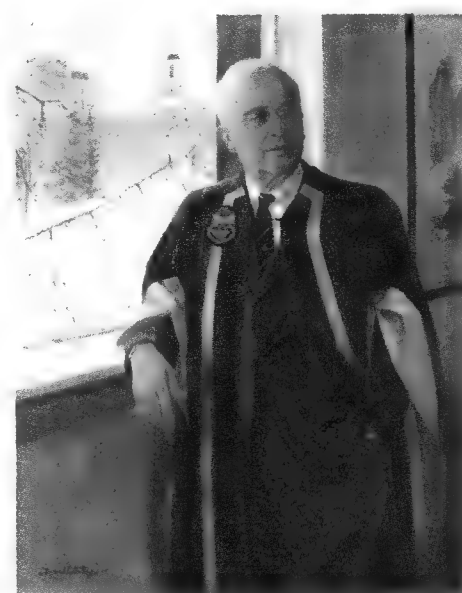
Horowitz considered himself a school teacher by profession, and he brought this humility and dedication to lifelong learning, teaching and research to his close involvement with all aspects of the campus community.

When asked to name his proudest achievement in the first five years of his presidency, Horowitz said, "If I had to describe what I consider to be my main activity, it is working with people... [M]y major concern has always been to be as effective as I possibly can in helping to create the atmosphere and structure which would enable people to be as productive as they possibly can be with regard to what a university is all about: high-quality teaching, high-quality research, and service to the community. Named an Officer of the Order of Canada, he has received numerous awards from the teaching profession and seven honorary degrees from Canadian universities.

## PAUL T. DAVENPORT (1989 – 1994)

Like Henry Marshall Tory, Paul Davenport was a professor at McGill before arriving to assume the presidency of the U of A, but his tenure resembles the presidencies of Tory's immediate successors, who tried to shield the university from the impact of an economic downturn in the province and the budgetary constraints it imposed. Even so, Davenport preserved the U of A as a leading light in technical infrastructure and support for students. Following his time at the U of A, Davenport became president of the University of Western Ontario.

Dr. Roderick Fraser, 2005  
David Goatley  
Oil on Canvas  
University of Alberta Art Collection  
Museums and Collections Services



## RODERICK D FRASER (1995 – 2005)

Under the leadership of Fraser, the University of Alberta expanded as it never had before. The annual budget increased to \$540 billion from \$1 billion, research funding grew to \$400 million from \$85 million per year, attracting a growing number of excellent researchers from around the world.

He is also recognized for developing stronger ties with the provincial government, contributing to the 2005 announcement of an unprecedented funding increase.



# U of A medical pioneer to receive the Order of Canada

*Dr. Steven Aung has cultivated an award-winning medical practice that blends the western and eastern medicine*

By Steve Lillebuen

With quiet persistence, Dr. Steven Aung is changing the way medicine is practiced in Canada. In recognition of his efforts, he will receive the nation’s highest honour, the Order of Canada, later this year.

Aung, a professor in the University of Alberta’s Faculty of Medicine and Dentistry and Faculty of Extension, has a unique approach to medicine: integrate the best of western and eastern medicine, using acupuncture, and traditional Chinese herbal remedies as complements to the North American clinical approach.

It’s a system that Aung began thinking about as a child. His grandfather, a traditional Chinese physician, had asked one of his three grandchildren to pursue a career combining the best of both medical worlds. Aung heeded his grandfather’s request.

“I quickly realized that any kind of medicine that is good for the patient should be used, regardless of where it’s from,” Aung explains. “That philosophy has been in my heart and on my mind all my life. I can still hear my grandfather’s words, so I carry that mission with me.”

One look inside his busy downtown clinic and Aung’s dedication, compassion, and expertise is clear - the waiting room has several scrapbooks filled with hundreds of thank you cards, photos and letters of praise from his current and former patients.

“We have to respect the patient and treat them like a member of our own family,” he says. “We have to treat them all with love and kindness. We shouldn’t just call it ‘integrated medicine,’ but ‘integrated compassionate medicine’.”

In addition to his general practice, Aung has worked closely with the University of Alberta to develop his unique medical program over the past 15 years. In 1991 he founded Canada’s first certificate program in medical acupuncture through the Faculty of Extension, and he remains the program’s chief instructor, examiner and consultant. He also shares his expertise in acupuncture with the U of A hospital,

“I quickly realized that any kind of medicine that is good for the patient should be used, regardless of where it’s from. That philosophy has been in my heart and on my mind all my life. I can still hear my grandfather’s words, so I carry that mission with me.”

– Dr. Steven Aung

and the Oilers hockey and Eskimo football teams.

“I found a lot of resistance when I first started out,” he recalls of his early days in Alberta after completing residencies in Vancouver, Montreal and St. John’s. “My colleagues were not so familiar with eastern medicine and usually when people have little experience with new approaches, they have a natural tendency to worry about their effectiveness.”

If it’s any consolation, much has changed since those early days. In fact, Aung’s colleagues were the ones that actually nominated him for the award.

“It’s wonderful news and well-deserved recognition,” says Cheryl McWatters, dean of the Faculty of Extension, of Aung’s recent appointment. “It is such an honour for us to have a member of the Order of Canada as a member of our faculty.”

The Order of Canada is not Aung’s first brush with recognition. In 2002, he received the Alberta Order of Excellence; recently he was presented with the Physician of the Century award from the Alberta Medical Association.

“Receiving the Order of the Canada reassures me that what I’m doing is important,” he says. “I’m very happy that my colleagues have accepted this integration



Dr. Steven Aung

and I hope I can encourage more people to look at integrated compassionate medicine as the next century’s medical approach.”

Established in 1967, the Order of Canada recognizes a lifetime of outstanding achievement and has three levels of membership: Companion, Officer, and

Member.

Aung will be invested during a special ceremony later this year, along with former U of A alumnus and Nobel Prize winner Dr. Richard E. Taylor, jazz singer Diana Krall, former Olympic gold medal speed skater Catriona Le May Doan and others. ■

# President tours campus to talk with undergrads

*Dr. Indira Samarasekera plans to spend the next six months consulting with the university community*

By Scott Lingley

University of Alberta president Dr. Indira Samarasekera has been talking a lot lately about her vision for the university, but when she went before students earlier this month to welcome them for their first full week of school, her stated intent was to listen.

“Part of what we’re going to be doing over the next six months is consulting with students, with faculty, with staff, with the community, with business, with government, with the city, to ask some questions about what it will take to make the University of Alberta a great university,” she told the mid-morning crowd gathered near the SUB stage in the Students’ Union building on Wednesday, September 14.

Samarasekera’s brief address followed a morning discussion session with undergraduate students about the student experience at the U of A. Following her welcome to students, the president toured the student services offices in SUB, then visited the Stollery Centre. After a luncheon with members of the Faculty Association, Samarasekera attended an afternoon meet and greet at the U of A International Centre, where she listened to international students speak about coming to the U of A. Students’ Union president Graham

Lettner said Samarasekera has been looking forward to today’s events for some time.

“The Students’ Union didn’t have to push for this at all,” he said. “She’s had it planned since last May.”

Rossana Cuellar, a third-year graphic design student from Guadalajara, Mexico who is new to the university, found herself chatting with Samarasekera over cinnamon buns at the International Centre.

“She told me she’s been to La Universidad Autónoma de Guadalajara, where I’m from, and she asked me what I thought of the U of A,” Cuellar said. “I said I really like it here - the teachers, the technology, and the courses I’m taking are great.”

Rave reviews aside, Lettner said Samarasekera is looking forward to hearing constructive criticism from students. At this morning’s event, he announced the “As President...” essay contest, in which undergraduate students are invited to set down their ideas about how they would run things if they were in charge of the U of A. Details of the contest, which the president will judge and which boasts a \$1,000 grand prize, will be posted on the Students’ Union website. ■



Dr. Indira Samarasekera



# talks & events

Submit talks and events to Lorraine Neumayer by 12 p.m. Thursday one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.** A more comprehensive list of events is available online at [www.events.ualberta.ca](http://www.events.ualberta.ca).

## UNTIL OCT 30 2005

**CROSS-CULTURAL STUDY VOLUNTEERS NEEDED** We are conducting a cross cultural study (Italy and Canada) to learn more about what young people think, know and feel about AIDS. If you are 18 - 25 years old and you would like to give us your opinion, you may participate in one of our online discussion groups participation will be anonymous!!). It would be a great opportunity to share opinions! If you are interested or if you have any questions, please contact us by phoning at 492-6413 or writing to [guendalina.graffigna@unicatt.it](mailto:guendalina.graffigna@unicatt.it). Thank you! International Institute of Qualitative Methodology, University of Alberta; Internet.

## UNTIL DEC 1 2005

**See the Stars at the Astronomical Observatory** You are invited to observe stars, planets, galaxies and nebulae at the U of A observatory. We are open every Thursday evening from 8pm until 9 p.m. during the academic year. Admission is free, all are welcome. The observatory is outdoors, on the roof of the Physics Building, so please wear warm clothes. 8:00 p.m. Take elevator to the 6th floor and take stairs to 7th floor.

## UNTIL OCT 1 2005

**Studio Theatre presents Ribbon by Patricia Darbasie** In the true spirit of Alberta's Centennial celebration, Studio Theatre opens the 2005-2006 season with MFA Directing candidate Patricia Darbasie's unique creation about reclaiming and discovering one's past. Ribbon, a one-woman show, written, performed and directed by Darbasie, is about the history of the black settlers who homesteaded in Amber Valley. The play centers on a contemporary character, Paula, and her search to find something of value among her great grandmother's long forgotten possessions on the neglected family homestead. Paula soon finds nothing is truly lost on the farm. Advance tickets available through TIX on the Square 420-1757 or online at [www.tixonthesquare.ca](http://www.tixonthesquare.ca). Walk-up tickets available at the Timms Centre Box Office one hour prior to curtain, for that day's performance only. No performance Sunday, September 25, 2005. 8:00 p.m. Timms Centre for the Arts.

## UNTIL OCT 5 2005

**Impressions from Italy: Works by Catherine Scott; Final Visual Presentation for the Certificate of Fine Arts, Faculty of Extension, University of Alberta** Opening Reception: Fri., Sept. 23, 6-9 p.m. Catherine Scott shares her experience of the beauty of Italy's art and architecture through this exhibition. Using photographs taken from a 1993 Art History Tour to Italy, Catherine focuses on the composition of a piece, trying to find new ways of seeing. She crops and selects from a variety of images to best express her feelings, memories and associations of a place. She has employed different media and processes to convey these different moods. Exploring her own responses to the art and architecture of Italy this exhibition uses both traditional art forms such as oil painting, pastel and etching, as well as more contemporary processes such as mono-print and collage. The Extension Centre Gallery is open to the public. Phone 492-0166 for information or visit our Website at: [www.extension.ualberta.ca](http://www.extension.ualberta.ca). Extension Centre Gallery, 2nd Floor, 8303-112 Street, Edmonton.

## SEPT 23 2005

**Globalization and Neo-liberalism: Future Prospects and Alternatives** A one-day conference geared to academics and graduate students in Alberta. For more info on the Globalism project, please visit: [www.ualberta.ca/globalism](http://www.ualberta.ca/globalism) 9:00 p.m. - 4:00 p.m. Tory Breezeway #2.

**Interactions among tumor necrosis factor alpha and vasoactive pathways during estrogen deficiency. A missing link between menopause and cardiovascular disease?** Speaker: Ivan A. Arenas Arenas, PhD Thesis Defense Seminar, Department of Physiology, U of A 9:00 a.m. 652 Heritage Medical Research Centre.

**Strong cascading trophic interactions in oligotrophic high-elevation lakes** Dr. Brian Parker, Department of Biological Sciences, University of Alberta is presenting a seminar entitled "Strong cascading trophic interactions in oligotrophic high-elevation lakes" on Friday, September 23, 2005 at 12:00 noon in Room M-145, Biological Sciences Building.

**Applying for NSERC Discovery & RTI Grants** This workshop will provide participants with information on how to prepare their Discovery Grant and Research Tools and Instruments (RTI) Grant applications. Mr. Paul Potvin, Program Officer

from NSERC, will co-present with a current Grant Selection Committee member. This session includes updates on NSERC, news on NSERC programs and statistics from the 2005 competition. Don't miss this chance to learn from a NSERC Program Officer on what makes a fundable proposal. Register at The Learning Shop online. 2:00 p.m. - 4:30 p.m. E1-003 Engineering Teaching and Learning Complex (ETLC).

**Arterial Compliance and Ethnicity (ACE)** Speaker: Dr. Joe Noon, Faculty of Nursing, University of Alberta 3:00 p.m. 207 Heritage Medical Research Centre.

**Virgin birth, microtubules and pathogens** Bill Sullivan, Department of Biology, University of California, Santa Cruz, California is presenting a seminar on "Virgin birth, microtubules and pathogens" on Friday, September 30, 2005 at 3:30 p.m. in Room M-149 of the Biological Sciences Building as part of the Genetics 605 Graduate Student Seminar Series..

## SEPT 23 - 24 2005

**Resisting the Empire: Challenges to US Power** Friday 23rd - 7-9:30 p.m. Saturday 24th - 9 a.m.-5 p.m. Noted speakers from Canada, Mexico, the United States and Australia will gather to discuss US power and the current move toward deeper integration with the US. This conference is a culmination of five years of work by international researchers of the Globalism and Its Challengers Project. Panels will examine the US turn towards Empire in relation to such topics as continental economic integration, indigenous struggles for autonomy, energy, security and the environment. Alternatives to integration with Bush's America will be explored and offered. For more information on the Globalism Project please check out: [www.ualberta.ca/globalism](http://www.ualberta.ca/globalism) 7:00 p.m. Lister Conference Centre (116th Street and 87th Avenue).

## SEPT 24 2005

**"Exam Strategies"** Do you know how to start studying and what to study? Get answers to these questions as well as learn how to study for and take multiple choice, short answer, essay and problem solving exams. This is a great workshop for new students and students who want to "gain an advantage" for exams. Pre-register at the Academic Support Centre 2-703 Students' Union Bldg. at 9:00 a.m. - 12:00 p.m. 357 Central Academic Building.

**"Study Strategies"** Do you know how to start studying and what to study? Get answers to these questions as well as learn how to study for and take multiple choice, short answer, essay and problem solving exams. This is a great workshop for new students and students who want to "gain an advantage" for exams. Pre-register at the Academic Support Centre at 2-703 SUB. 9:00 a.m. - 12:00 p.m. 2-725 Students' Union Building (SUB).

**University of Alberta United Way Campaign Kick-Off and 46th Annual Campus Recreation Turkey Trot** University of Alberta will Kick-Off its United Way Campaign in conjunction with the 46th Annual Campus Recreation Turkey Trot. Registration begins at 8:30 a.m. Race/Walk at 10:30 a.m. Awards Ceremony and Kick-Off at 11:30 a.m. 10:30 a.m. Butterdome.

**University of Alberta United Way Campaign Kick-Off and Campus Recreation Turkey Trot** University of Alberta will Kick-Off its United Way Campaign in conjunction with the 46th Annual Campus Recreation Turkey Trot. Registration begins at 8:30 a.m. Race/Walk at 10:30 a.m. Awards Ceremony and Kick-Off at 11:30 a.m. Butterdome.

**"Study Strategies"** Do you know how to get through all your course work and actually learn something? Discover practical time management, note-taking, reading and memory strategies that will help you study more effectively at University. Bring your study questions and get the answers you are looking for! Pre-register at the Academic Support Centre 2-703 Students' Union Building (SUB). 1:00 p.m. - 4:00 p.m. 357 Central Academic Building.

## SEPT 25 2005

**Installation of new UofA President** Installation of the new President of the University of Alberta 3:00 p.m. Jubilee Auditorium.

**Traditional Japanese Tea Ceremony** Tea ceremonies will be hosted at the Ozawa Pavilion which is an authentic Japanese Tea House set in the tranquil Kurimoto Japanese Garden. Sittings will be held at 1:30, 2:15 and 3:00 p.m. Maximum of four people for the 1:30 and 2:15 sitting and a maximum of twenty people for the 3:00 p.m. sitting. Explanation of the tearoom and tea ceremony will be provided to the general public, as well as Japanese sweets and tea. Experience Japanese culture in a unique setting. Cost \$5.00 per person. General admission rates apply. Contact

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<b>Red Priest</b>	JANUARY 14, 2006
<b>Dang Thai Son</b>	FEBRUARY 11, 2006

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Ronald J Kroeker, History & Classics  
Karen Martin, Sociology

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Jason Daniels, Psychology  
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Christina Keppie, Modern Languages & Cultural Studies  
Kelly Laycock, English & Film Studies,  
David Reddall, Comparative Literature Program  
Sabine Sievern, Modern Languages & Cultural Studies

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Visitor Services at (780) 987-3054 for further information. 1:30 p.m. - 4:00 p.m. 5 KM North of the Town of Devon on Hwy. 60.

SEPT 26 2005

**Dr. Laurent Bouyer** "The Effect of Walking in a Force Field on Human Locomotion: Changes in the Locomotor Pattern" 12:00 p.m. - 3:00 p.m. Room 207 HMRC.

**Leaf vascular patterning in Arabidopsis** Enrico Scarpella, Department of Biological Sciences, University of Alberta is presenting a seminar entitled "Leaf vascular patterning in Arabidopsis" M-145, Biological Sciences Building. 12:00 p.m.

**The CIHR Institute of Aging: Funding Research from Cell to Society, from Promise to Practice and Product** Dr. Anne Martin-Matthews, Scientific Director, Institute of Aging, Canadian Institutes of Health Research (CIHR) 12:00 p.m. - 1:15 p.m. Room 255, Education Building (South), University of Alberta.

**The Effects of Walking in a Force Field on Human Locomotion: Changes in the Locomotor Pattern** **Laurent Bouyer** Locomotion is a complex movement that involves the interaction of voluntary commands with involuntary pattern generators in order to produce a reliable and finely tuned muscle activation pattern. It is not obvious at the moment how, or to what extent, this basic muscle activation patterns can be specifically modified. Experiments currently performed in my laboratory use low intensity controlled forces applied at the ankle to perturb the leg during walking. These forces are produced by Thera-band elastic tubing attached to a modified ankle orthosis 12:00 p.m. - 1:00 p.m. Room 207 HMRC.

**University Teaching Services (UTS)** Motivating Students to Learn (C)+ Academic motivation has been a tricky concept to research and outline as it is considered to be a complex interaction of personal components. These factors will be discussed to try and portray the nature of motivation. The session looks at instructional ways to motivate students and students' responsibility in this process. Presenter: Karen Kovach, Academic Support Centre Pre-registration required. 3:00 p.m. - 4:30 p.m. CAB 243.

SEPT 27 2005

**Environmental effects on prenatal androgenization: Beyond masculinization vs. feminization?** Dr. Peter Hurd, Department of Psychology, University of Alberta is presenting a seminar on "Environmental effects on prenatal androgenization: Beyond masculinization vs. feminization?" 12:00 Noon in Room T 1-90, Tory.

**University Teaching Services (UTS)** Creating a Positive Assessment Environment (E) This presentation examines the place of assessment in the teaching/learning process and presents strategies for building a stronger bridge between teaching and testing. The principles that underscore a positive assessment climate are identified and assessment techniques, which serve to enhance student motivation and engagement with the course content, are discussed. Presenter: Anthony Marini, University of Calgary Pre-registration required. 3:30 p.m. - 5:00 p.m. CAB 239.

SEPT 28 2005

**Medical Genetics Weekly Seminar Series** Dr. Brian Link, PhD, Assistant Professor with the Department of Cell Biology, Neurobiology and Anatomy with the Medical College of Wisconsin, will present "Using zebrafish to study ocular development and disease" as part of our weekly seminar series. 12:00 p.m. - 1:00 p.m. 2-07 HMRC.

**PHS Grand Rounds** Guest Speaker: Dr Ainsley Weston, Team Leader, Molecular Biology, Centers for Disease Control (CDC), National Institute for Occupational Safety and Health (NIOSH), Health Effects Laboratory Division (HELD), and Toxicology and Molecular Biology Branch (TMBB); Associate Professor, Molecular Biology, Pathology and Human Genetics, West Virginia University 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

**University Teaching Services (UTS)** Trials and Triumphs of Curricular Change (C) Are you finding that your present curriculum is not able to keep up with recent changes in practice? Has duplication and overlap silently crept into your courses? If you are thinking about making a curricular change, you will get some suggestions for success and some tips on potential pitfalls as the challenges in curricular change in the Faculty of Pharmacy and Pharmaceutical Sciences are explained. Presenter: Sheila Kelcher Pharmacy and Pharmaceutical Sciences Pre-registration required. 3:00 p.m. - 4:00 p.m. CAB 243.

**TEC Connector: Spin-off Company Showcase & Networking Event** This TEC Connector event will showcase companies created based on University of Alberta inventions and technologies. In addition, the event is an active connector which will provide networking tools and tips, plus generate opportunities to connect with useful representatives in our community, including: - university researchers - professional service firms - financial support organizations - government agency representatives

- media representatives 4:00 p.m. - 6:30 p.m. Lister Hall Conference Centre.

SEPT 29 - OCT 2 2005

**Reunion Weekend 2005** marks Alberta's Centennial Celebrations. The University of Alberta is part of the history of Alberta and Reunion 2005 offers a unique and memorable way to mark this milestone. Alberta birthday cake will be served during the weekend.

**Reunion Weekend 2005** It is time to celebrate your special anniversary! Do you ever wonder what happened to some of your classmates? Is there anyone that you would like to see again? If so, Reunion 2005 may be a great opportunity for you to re-connect with some of your former classmates and rediscover campus. 2005 also marks Alberta's Centennial Celebrations. The University of Alberta is part of the history of Alberta and Reunion 2005 offers a unique and memorable way to mark this milestone. Over 30 faculty-specific and general events will be held during reunion weekend. <http://www.uofaweb.ualberta.ca/alumnireunion>.

SEPT 29 2005

**2006 Eldon D. Foote Lecture** "Understanding Global Markets: Lessons from Firm Level Data"

The University of Alberta's School of Business invites you to attend the prestigious Eldon D. Foote Lecture in International Business featuring Dr. Linda Tesar from University of Michigan. Dr. Tesar holds a PhD in Economics from the University of Rochester and is a Research Associate with the National Bureau of Economic Research, International Finance and Macroeconomics Program. This year's topic is "Understanding Global Markets: Lessons from Firm Level Data". 3:30 p.m. - 5:00 p.m. Stollery Executive Development Centre 5th Floor, School of Business Building 112 Street and Saskatchewan Drive.

**Conserving Biodiversity in Northern Cities** Dr. Ross Wein, Department, Renewable Resources, UofA Mr. Grant Pearsell, City of Edmonton "Building a Conservation et for the Edmonton Region" The series is free of charge and open to the public. Registration is not required. 4:30 p.m. Engineering Teaching Learning Complex Room 1 007.

**Inside/OUT 2005/2006 Speakers' Series:** "Cuz I'm Lewd I'm Rank I'm Irreverent and Malicious" Inside/OUT 2005/2006 Speakers' Series Profiling LGBTQ-Related Work at the University of Alberta All meetings on Thursdays from 5:00-6:00 p.m. in Room 7-152 (7th Floor Education North Building) We also invite undergraduate students and interested members of the community to attend. For more information, please contact Kristopher Wells at [kwells@ualberta.ca](mailto:kwells@ualberta.ca) or Marjorie Wonham at [mwonham@ualberta.ca](mailto:mwonham@ualberta.ca) 5:00 p.m. - 6:00 p.m. 7-152 Education North Education Centre.

**Canadian Universities Alumni Reception in New York** The University of Alberta Alumni Association along with the Canadian Association of New York invite you to attend a cocktail reception to meet fellow alumni from Canadian universities. There will be gourmet appetizers and desserts, open bar and live music spanning three floors of the prestigious Penn Club in the heart of Mid Town. As a proud sponsor of this event, University of Alberta Alumni and guest tickets are \$30 (\$15 if you are also a Canadian Club Member) and are available for purchase at the Canadian club's website at <http://www.canadianassociationny.com>. For further information, the New York Branch Chapter can be contacted via [brian.martin@matrikon.com](mailto:brian.martin@matrikon.com) 6:00 p.m. - 8:30 p.m. The Penn Club, 30 West 44th Street, New York City.

SEPT 30 - OCT 2 2005

**Individualization: Political Sociologies of Contemporary Personhood** The Department of Political Science at the University of Alberta will host an invitation based colloquium on the political sociology of individualization. An international, interdisciplinary group of researchers will engage in a critical discussion about this profoundly important topic. Telus Centre



SEPT 30 - OCT 1 2005

**Drop-in-Centre and Class Dinner for the Agriculture Class of 1950** An Ag'50 Drop-in-Centre is also open at Room 5-22 in the Agriculture Forestry Centre on Friday Sep 30 9:30 a.m. to 4:00 p.m. and on Saturday Oct 01 12 noon to 4:30 p.m.. The class dinner is at the Faculty Club on Saturday Oct. 01 at 5 p.m. to 9:00 p.m. Agriculture and Forestry Centre and the Faculty Club.

SEPT 30 2005

**Life on the beach: It's not just a picnic - a bird's perspective** Dr. Paul Goossen, Canadian Wildlife Service, Environment Canada is presenting a seminar on "Life on the beach: It's not just a picnic - a bird's perspective" 12:00 Noon in M-145 of the Biological Sciences Building.


**University Teaching Services (UTS)** Critical Incident Sessions: Legends of the Fall Term Topic: First-Year Frustrations with Learning (M) A critical incident is a condensed variation of the traditional case study. The goal of the Critical Incident Sessions



UNIVERSITY OF ALBERTA

**UNITED WAY**

**2005 CAMPAIGN**



UNIVERSITY OF ALBERTA

2005 UNIVERSITY OF ALBERTA  
UNITED WAY CAMPAIGN

A MESSAGE FROM PRESIDENT INDIRA SAMARASEKERA

The University of Alberta delivered once again last year, raising just over half a million dollars for United Way. Thank you to all who contributed!

The University of Alberta has one of the largest employee campaigns in the region and the third most successful university campaign in Canada. Over the years the Alberta Capital Region Campaign has come to depend on the University and the generosity of its staff, students and businesses. I am proud that, year after year, our community continues to live up to the standard it set for itself.

United Way truly does make a difference in the lives of individuals and families. Every day, thousands of people throughout our community receive the support that gives them the opportunity to realize their potential. United Way provides comfort, hope and a chance to contribute to a better world.

I encourage you to help the University exceed its goal once again by supporting the 2005 University of Alberta United Way Campaign.

The campaign runs from September 24 to November 18.

Together we do make a difference.

Sincerely,

*Indira Samarasekera*

Indira Samarasekera  
President

A Celebration Of The Senses

**ASIA DAY 2005**

亞洲日

OCTOBER 1<sup>ST</sup>

SATURDAY, OCTOBER 1<sup>ST</sup> @ 7:00 P.M.


AT THE HOROWITZ THEATRE,  
2<sup>ND</sup> FLOOR, S.U.B., UNIVERSITY OF ALBERTA

ADMISSION: \$15

TICKETS AT :  
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[WWW.TIXONTHE SQUARE.CA](http://WWW.TIXONTHE SQUARE.CA)  
9930-102 AVE, EDMONTON

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11:00 A.M. - 5:00 P.M.  
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7 SIR WINSTON CHURCHILL SQUARE  
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CANADA-ASIA ACCORD ASSOCIATION



The 17th Annual  
McDonald Constitutional Lecture

# Three Ways to Make a Constitution

Delivered by

**Professor Donald Horowitz**

Duke University

**Thursday, October 6, 2005 — 7:00 pm**  
**McLennan Ross Hall, Room 237**  
**Faculty of Law, University of Alberta**

A Reception will follow in the Faculty Lounge & CN Alumni Hall.

Alberta **LAW**  
**FOUNDATION**

 Centre for Constitutional Studies  
Centre d'études constitutionnelles

The McDonald Constitutional Lecture is an annual lecture in memory of Justice David C. McDonald. The lecture is organized by the Centre for Constitutional Studies with financial support from the Honourable Justice David C. McDonald Endowment. The Centre would also like to acknowledge the financial support of the Alberta Law Foundation, which supports all of the Centre's activities.

## Célébrons • Let's Celebrate SAINT-JEAN

*Dean Marc Arnal cordially invites you to celebrate  
Saint-Jean – its history and its people*

**Friday, September 30th, 2005**

*This special evening at Blatchford Hangar, Fort Edmonton Park,  
will recognize the many accomplishments of Saint-Jean over the  
years and celebrate its new vision as Campus Saint-Jean.*

6:30 p.m.

**Reception**

7:30 p.m.

**Dinner, Ceremonies and Entertainment**

Tickets: \$100 each (\$50 tax receipt) • Table: \$1,000 (table of ten)

**Saturday, October 1st, 2005**

11 am – 5 pm

**Free Tours and Activities featuring:**

**Carmen Campagne and Chorale Saint-Jean**

6:00 pm

**Evening Concert featuring:**

**Les Respectables** with special guest: **Jakarta**

Tickets in advance (til Thursday, September 30, 2005)

Student (with Student ID): \$5 • Adult: \$10 • Children (under 12): Free

At the door: All tickets – \$15

For more information, please contact

Geneviève Daigle (780) 465-8790 or gdaigle@ualberta.ca

Mona Liles (780) 465-8763 or mona.liles@ualberta.ca



is to provide opportunities for discussion around different challenges to teaching at the University. Videotaped vignettes that demonstrate provocative encounters are used as the springboard for discussion. Bring your lunch and UTS will provide the coffee/juice. Pre-registration required. 12:00 p.m. - 1:30 p.m. CAB 219.

**The role of stabilizing factors in cell cycle progression: How Evi5 stabilizes Emi1 and how Emi1 inhibits the APC to stabilize cyclins**

Peter Jackson, Program in Chemical Biology, Department of Pathology, Stanford University, California is presenting a seminar on "The role of stabilizing factors in cell cycle progression: How Evi5 stabilizes Emi1 and how Emi1 inhibits the APC to stabilize cyclins" Friday, September 30, 2005 in M-149 of the Biological Sciences Building as part of the Genetics 605 Graduate Student Seminar Series. 3:30 p.m.

**3rd Annual Alberta Rehabilitation Coordinating Council (ARCC) Awards Dinner** for Occupational Therapists Physical Therapists Speech Language Pathology and Audiology 6:00 p.m. Maple Leaf Room Lister Hall.

**Gateway 95th anniversary reunion dinner** The Gateway Alumni Association is proud to host the Gateway's 95th anniversary reunion dinner. All current or former editors and volunteers are invited to attend this special occasion. Details: Main Ballroom Chateau Lacombe Downtown Crowne Plaza Hotel 10111 Bellamy Hill 6:30 PM Cocktails (cash bar) 7:00 PM Dinner 8:00 PM Guest speaker: Todd Babiak Mr. Babiak, a Gateway alumnus, is an award-winning author and journalist. He's a regular columnist for the Edmonton Journal and the author of Choke Hold. In addition to Mr. Babiak's address, a program toasting Gateway's past, present, and future will be presented. Alumni are encouraged to contact the the Gateway Alumni Association President if they wish to make a presentation as part of the program. Cost: Students: \$40/person Alumni: \$50/person Proceeds go toward the Gateway online digital archive project. To RSVP: Office of Alumni Affairs Toll-free: 1.800.661.2593 (Online registration will be available shortly) For more information: Steve Lillebuen President, Gateway Alumni Association Gateway Alumni Association website <http://www.gateway.ualberta.ca/alumni>

**OCT 1 2005**

**LISAA Annual Celebration Breakfast** Join SLIS students and faculty, alumni, and library colleagues, for the Library and Information Studies Alumni Association's (LISAA) annual Celebration Brunch. Meet and greet new friends and colleagues and reconnect with people you may not have seen for a while! There will be plenty of goodies for everyone so bring a friend. RSVP to SLIS by September 23 to (780) 492-4578 or slis@ualberta.ca. 10:00 a.m. - 12:00 p.m. 3rd floor of the School of Library and Information Studies (SLIS), Rutherford South.

**Open House Forum** The Open House Forum is an excellent opportunity to learn about some of the interesting research taking place at the University. Graduate students and postdoctoral fellows will present short entertaining talks on topics that range from the Native People of Japan to Black Holes in the Universe. 10:00 a.m. - 3:00 p.m. Business Building Room 1-5, 1-6, 1-9.

**"Effective Class Presentations"** Do you have to make a presentation in one of your courses? Learn how to prepare for and deliver awesome presentations, effectively manage group work, and reduce speaker's anxiety. Pre-register at the Academic Support Centre 2-703 Students' Union Building (SUB). 1:00 p.m. - 3:00 p.m. 17 Humanities Centre.

**OCT 3 - 7 2005**

**CaSTA 2005 - Canadian Symposium on Text Analysis: Tools, Methods & Solutions** The 4th CaSTA Symposium brings together scholars from many disciplines whose work shares common approaches using text encoding, knowledge management, and digital arts in scholarly communications. Each day, an invited expert will share tools and methods particular to his or her field in seminars, presentations, and workshops. For detailed information and to register for specialized workshops, please see our website <http://tapor.ualberta.ca/CASTA2005/pages/Home/index.php>. 112, 141, 320, & 434 Arts Building/Convocation Hall.

**OCT 3 - 6 2005**

**Vitamin C for Health Promoting Universities** In October 2003 the first international conference Constructing Healthy Universities' was held in Santiago, Chile. In October 2005, a second international trilingual conference will be held in Edmonton, Alberta, Canada. The conference will promote a comprehensive approach to the creation and maintenance of health-promoting universities and colleges from the perspective of people in all areas of campus life. Project, program, and research presentations will promote the development of healthy work and study environments, healthy lifestyles, and provide an opportunity to network with national and international colleagues. 4:00 p.m. University of Alberta Conference Centre at Lister Centre.

**OCT 3 2005**

**Music at Noon, Convocation Hall Student Recital Series** Music at Noon, Convocation Hall Student Recital Series Featuring students from the Department of Music 12:00 Arts Building/Convocation Hall.

**University Teaching Services (UTS)** Create a Poster to Showcase Your Ideas (S). Posters are one effective medium for communicating scholarly work. This session reviews basic design principles for creating eye-catching posters. The hands-on portion involves participants in creating a poster and contains instructions on sending the finished product to the CNS plotter. Knowledge of PowerPoint is essential. Limited computer workstations available; first come, first seated. Presenters: Jack Scott, DiTRL Laboratory, Biological Sciences Gregg Dearborn, Law Pre-registration required. 4:30 p.m. - 6:00 p.m. Technology Training Centre.

**Henry Marshall Tory Lecture** Dr Margaret MacMillan, author of Paris 1919, will present the 2005 Henry Marshall Tory Lecture. Dr MacMillan will speak on "The Art of Peace". Following the lecture, Dr MacMillan will attend a book signing in the Myer Horowitz foyer. 8:00 p.m. - 9:45 p.m. Myer Horowitz Theatre, University of Alberta.

**OCT 4 2005**

**Seminar: Physical Activity and Type 2 Diabetes: Past, Present and Future** Seminar by Dr. Normand Boule, Assistant Professor, Faculty of Physical Education and Recreation, University of Alberta 11:00 a.m. Classroom F WMC.

**A tale of NOs in the regulation of GH release in goldfish** Dr. John P. Chang, Department of Biological Sciences, University of Alberta is presenting a seminar on "A tale of NOs in the regulation of GH release in goldfish" 12:00 Noon in Room T 1-90, Tory. 1.

**University Teaching Services (UTS)** A Mirror Image: Improving Your Teaching Using Reflective Practice (S) This session allows participants to explore the ways that reflective practice can benefit their development as an educator and enhance their scholarship of teaching. Different techniques and templates that provoke intention and thought are considered, allowing participants to become more deliberate in improving their practice through reflection. Presenter: Kim Arsenault Meridian Learning and Development Pre-registration required. 3:30 p.m. - 5:00 p.m. CAB 239.

**OCT 5 2005**

**Study Abroad Fair** Travel and earn credit! The Education Abroad Program hosts this annual fair to promote and create awareness of the various international learning opportunities for U of A students. Come out and meet U of A past exchange participants AND international exchange students to learn more about studying abroad as part of your U of A degree! 10:00 a.m. - 3:00 p.m. Student's Union Building (SUB).

**PHS Grand Rounds** Guest Speaker: Dr David Fisman, Assistant Professor, Drexel University of Public Health, Philadelphia, Pennsylvania "Seasonality, Environment, and Infectious Disease Occurrence: A Novel Application for Case-Crossover Study Design" 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

**University Teaching Services (UTS)** Good Mentoring Practices (S) There is a fairly extensive body of literature that suggests mentoring programs lead to important benefits in university settings. The reasons are varied, but simply making explicit what universities do is a powerful means for preparing new faculty for their new roles. This session provides a summary of the mentoring benefit triad and possible explanations for why mentoring programs tend to be ineffective in university settings. The latter part of this seminar will be an interactive (hands-on) overview of how to initiate and sustain effective mentoring initiatives. Presenter: Heather Kanuka, Athabasca University Pre-registration required. 3:00 p.m. - 4:30 p.m. CAB 243.

**OCT 6 2005**

**D.B. Robinson Distinguished Speaker Series Featuring ICI Lecturer Dr. John Sienfeld, "How Earth's Atmosphere is Changing"** In this lecture we will review the essential elements of stratospheric ozone depletion and tropospheric pollution, their history and prospects for the future. We also examine the questions - Is global warming for real, what are the certainties, and what is in store for the planet? 3:30 p.m. - 4:30 p.m. E1-007 ETLCL.

**University Teaching Services (UTS)** Best Practices From a Learner's Perspective (I) Four undergraduate students from Arts, Education, Engineering, and Science share their views on the teaching techniques and behaviors that help them learn the best. This frank discussion will focus on issues such as learning in large classes, the use of technology and online learning, assessment methods that promote learning, course materials, and the learning outcomes that students desire from a university education. Presenters: Louis Bezuidenhout, Engineering Mat Johnson, Moderator, Students' Union Shawna Padia, Science

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**[www.hrs.ualberta.ca/](http://www.hrs.ualberta.ca/)**



Trevor Panus, Education Janene Saunders, Arts Pre-registration required. 3:30 p.m. - 5:00 p.m. CAB 239.

**Conserving Biodiversity in Northern Cities**  
Dr. Ross Wein, Department, Renewable Resources, U of A Mr. Grant Pearsell, City of Edmonton "Building a Conservation et for the Edmonton Region" The series is free of charge and open to the public. Registration is not required. 4:30 p.m. Engineering Teaching Learning Complex Room 1 007.

**17th Annual McDonald Lecture** Three Ways to Make a Constitution Delivered by Professor Donald Horowitz, James B. Duke Professor of Law and Political Science at Duke University. 7:00 p.m. 231/237 Law Centre.

OCT 7 2005

**The Price (Equation) of biodiversity loss**  
Dr. Jeremy Fox, Department of Biological Sciences, University of Calgary is presenting a seminar on "The Price (Equation) of biodiversity loss" in Room M-145, Biological Sciences Building 12:00 p.m.

**University Teaching Services (UTS)** Critical Incident Sessions: Legends of the Fall Term Topic: Painful Student Feedback (E) A critical incident is a condensed variation of the traditional case study. The goal of the Critical Incident Sessions is to provide opportunities for discussion around different challenges to teaching at the University. Videotaped vignettes that demonstrate provocative encounters are used as the springboard for discussion. Bring your lunch and UTS will provide the coffee/juice. Pre-registration required. 12:00 p.m. - 1:30 p.m. CAB 219.

**Seattle Alumni Gala and Reception** Join us at the Annual Seattle U of A Alumni Reception held in conjunction with the 6th Annual CANADA GALA, hosted by the Canada-America Society of Washington. Canada Gala - 7:00 pm \$90 US purchase tickets at <http://www.canada-americasociety.org/can-adagala.htm> U of A Alumni Reception - 5:30 pm Complimentary to U of A alumni To register for the reception, please call U of A alumni Eric and Danielle Vernon by email at [veacomp@hotmail.com](mailto:veacomp@hotmail.com). RSVPs for the reception must be made by Friday, 30 September 2005 For more information, call the Office of Alumni Affairs at 1-800-661-2593. 5:30 p.m. Westin Hotel - Seattle Washington 1900 5th Avenue Seattle, WA.

OCT 7 – OCT 8

**Combating Family Violence: The Counterproductive Effect of Gender Politics**  
This conference will discuss the growing evidence of the grounds for rejecting, and of serious problems caused by, the standard focus on only male offenders and female victims in partner violence. Keynote speakers: John Archer, Ph.D., U. of Central Lancashire. UK; Donald Dutton. Ph.D., UBC; Kim Bartholomew, Ph.D., Simon Fraser U. 6:30 p.m. Edmonton Art Gallery Theatre, 99th St. @ 102A Ave.

OCT 8 2005

**"Exam Strategies"** Do you know how to start studying and what to study? Get answers to these questions as well as learn how to study for and take multiple choice, short answer, essay and problem solving exams. This is a great workshop for new students and students who want to "gain an advantage" for exams. Pre-register at the Academic Support Centre 2-703 Students' Union Bldg. 9:00 a.m. - 12:00 p.m. 357 Central Academic Building.

**"Study Strategies"** Do you know how to get through all your course work and actually learn something? Discover practical time management, note-taking, reading and memory strategies that will help you study more effectively at University. Bring your study questions and get the answers you are looking for! Pre-register at the Academic Support Centre 2-703 Students' Union Building (SUB). 1:00 p.m. - 4:00 p.m. 357 Central Academic Building.

OCT 10 2005

**Toronto Alumni Reception and CFL Game**  
Wear your U of A green and gold and cheer on the Edmonton Eskimos on their road to the Grey Cup! Monday, 10 October 2005 Warm-Up Reception 11:30 AM Kick Off 1:00 PM COST: \$35 per person Ticket price includes: U of A gift and chance to win a U of A door prize, appetizers and 1 non-alcoholic beverage at pre-game reception and a seat among other U of A alumni in a 100-level section. RSVPs must be received by Monday, 3 October 2005 By Credit Card: Phone Andrea toll-free at 1.800.661.2593 By Cheque: Please detach this form and return it with a cheque made payable to the University of Alberta Alumni Association Mail cheques to: Alumni Association 6th Floor, GSB, University of Alberta Edmonton, AB T6G 2H1 11:30 a.m. Reception: Wayne Gretzky's Restaurant - 99 Blue Jay's Way. Game: Ragers Centre - 1 Blue Jays Way.

OCT 11 2005

**University Teaching Services (UTS)** Best Practices for Academic Integrity (I) This session reviews some of the most effective ways to promote academic integrity in and outside of the classroom. Topics include preventing plagiarism

on papers, undue collaboration on assignments, and cheating on tests. Presenter: Deborah Eerkes, Academic Integrity Program Pre-registration required. 3:30 p.m. - 5:00 p.m. CAB 239.

OCT 12 2005

**Netera Days 2005** Netera Alliance is proud to present the first annual Netera Days festival on October 12 at the University of Alberta. The theme of Netera Days 2005 is "Exploring New Tools for Research." Join researchers from across the province as they come together to share information about their innovative research. Computer scientists, engineers, physicists and other researchers will discuss how their use of Alberta's research infrastructure fuels discovery and innovation. The day-long celebration will include the following events: keynote speakers, research exchanges, a research support fair and a closing reception. Attendance at all Netera Days events is free of charge. For more information or to RSVP, please visit [www.netera.ca/neteradays](http://www.netera.ca/neteradays). You can also contact Netera Alliance directly by email at [info@netera.ca](mailto:info@netera.ca) or by phone at (780) 492-5016 ext. 219. 10:00 a.m. - 4:30 p.m. Telus Centre for Professional Development.

**University Teaching Services (UTS)**  
Entertaining and Illustrating: Hooks (I) This will be a relatively lighthearted session on the use of illustration when teaching large classes. Illustrations such as pictures, stories, and sounds assist us as instructors because they are easily remembered. Important concepts can get dragged along with the illustration, thus helping student learning. Examples will be provided (and bring your own!), and we will develop the key features to make illustrations an effective teaching tool. Presenter: David Cook, Studies in Medical Education Pre-registration required. 3:00 p.m. - 4:30 p.m. CAB 243.

**Academic Women's Association Fall Wine and Cheese Reception** Please join us for our Fall Wine and Cheese Reception. Our special guest, Dr. Indira Samarasekera, President of the University of Alberta will speak at 5:00 p.m. Emily Bell, PhD Candidate, Dept. of Psychiatry, AWA Graduate Student Award winner will also speak. Please join us for this great opportunity to meet our new President and other Academic Women on Campus. Please RSVP to [maryon.mcclary@ualberta.ca](mailto:maryon.mcclary@ualberta.ca) or 492-1419 by September 20, 2005 4:30 p.m. - 7:30 p.m. Winspear Dining Room, Faculty Club.

**Visiting Artists Recital** Visiting Artists Recital Ivan enatý, violin Katarína ?enatá, piano Sonata G dur, KV 301: Mozart Romance for Violin and Piano: Gemrot Sonata F dur: Dvorák Melancholic Serenade, Op. 26: Tchaikovsky "Le Carnaval Russe", Op. 11: Wieniawski Three Caprices for Violin and Piano: Paganini/Kreisler Les Adieux: Filas Fantasia "Faust": Sarasate 8:00 p.m. Arts Building/ Convocation Hall.

OCT 13 2005

**Agape Learning Over Lunch: Social Justice Video Series** AGAPE - A Sex, Sexual, and Gender Differences in Education and Culture Focus Group in the Faculty of Education, University of Alberta 2005 - 2006 Learning Over Lunch: Social Justice Video Series (Free Admission) Today's Video Presentation: but Word's DO hurt: Stories from GLBTT Youth. Alberta gay, lesbian, bisexual, transgender, and transsexual youth speak out about their school, family, and community experiences. If you have a question about Agape or the Social Justice Video Series, please email Dr. André P. Grace at [andre.grace@ualberta.ca](mailto:andre.grace@ualberta.ca) or Kris Wells at [ualberta.ca](mailto:ualberta.ca) or Contact the Agape Project Office at 492-0772 or visit us @ 5-181K in the Education North Building. 12:00 p.m. - 1:00 p.m. 7-102 Education North Education Centre.

**Eric J Hanson 11th Memorial Lecture**  
Professor Ronald McKinnon, Stanford University, is the featured speaker for the 11th Eric J Hanson Memorial Lecture, "The World Dollar Standard and Globalization: New Rules for the Game?" New rules for the dollar standard game are proposed for regulating capital flows so as to reduce the likelihood of foreign exchange crises in (emerging) dollar creditors such as Japan and China. Question & answer session immediately after. Reception to follow. Please RSVP 492-6670. 3:30 p.m. Telus Centre, Room 140.

**Learning Solutions Reception** Extension Learning Solutions (xLS) builds upon the experience and knowledge gained during the time Academic Technologies for Learning (ATL) existed. This new unit is designed to facilitate effective innovative learning through consultation, building communities of practice, research, research support, and dissemination of findings. Learning Solutions will design and evaluate superior, flexible educational experiences for the University community and beyond. Extension Learning Solutions will host a wine and cheese reception to celebrate the founding of their new unit. If you would like to attend, please RSVP [bev.adam@ualberta.ca](mailto:bev.adam@ualberta.ca) 4:00 p.m. - 6:00 p.m. 2-36 University Extension Centre.

**Conserving Biodiversity in Northern Cities**  
Dr. David Schindler, Department Biological Sciences, UofA "Eutrophication: a major problem for northern cities and waterways" 4:30 p.m. Engineering

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**ellen4strathcona@shaw.ca.**

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Teaching Learning Complex Room 1 007.

**Inside/OUT 2005/2006 Speakers' Series:**  
**Pink Blood: Homophobic Violence in Canada**  
Inside/OUT 2005/2006 Speakers; Series Profiling LGBTQ-Related Work at the University of Alberta  
All meetings on Thursdays from 5:00-6:00 pm in Today's Presentation: Pink Blood: Homophobic Violence in Canada Douglas Janoff Policy Analyst Toronto, Ontario \*\*Special Book Launch Presentation\*\* This presentation celebrates the publication of Canada's first book on the topic of homophobic violence. Inside/OUT is a campus-based network for lesbian, gay, bisexual, trans-identified, queer (LGBTQ) and allied faculty, graduate student, academic, and support staff of the University of Alberta. We also invite undergraduate students and interested members of the commu-

nity to attend. For more information, please contact Kristopher Wells at [kwells@ualberta.ca](mailto:kwells@ualberta.ca) or Marjorie Wonham at [mwonham@ualberta.ca](mailto:mwonham@ualberta.ca) Funding and support for the Inside/OUT 2005/06 5:00 p.m. - 6:00 p.m. 7-152 Education North Education Centre.

### University Teaching Services (UTS)

PowerPoint Text and Pictures (S) This hands-on session reviews the basic features of PowerPoint, and provides sources for clip art and pictures that can enhance presentations and become hooks for student learning. Scanned images are also discussed. Limited computer workstations available; first come, first seated. Presenter: Kevin Moffitt, Technology Training Centre Pre-registration required. 5:00 p.m. - 6:00 p.m. Technology Training Centre.

## notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail [public.affairs@ualberta.ca](mailto:public.affairs@ualberta.ca). Notices should be received by 3 p.m. Thursday one week prior to publication.

### EFF - UNIVERSITY TEACHING RESEARCH FUND APPLICATION DEADLINE

The deadline for receipt of applications to the EFF - University Teaching Research Fund is 15 October. This fund was established to encourage and support research on teaching-learning. The primary purpose of this fund is to encourage research on teaching at the University of Alberta in order to enhance the quality of teaching overall.

Application forms are available from the Office of the Vice-Provost, 2-10 University Hall (phone 492-1503) and also on our website: <http://www.uofaweb.ualberta.ca/provost/AwardsFunding.cfm>

### EFF - FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES), APPLICATION DEADLINE

The deadline for receipt of applications to the EFF - FSIDA is 4:30 p.m., October 17, 2005. The next competition deadline dates are January 15, 2006 and April 15, 2006.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website [www.international.ualberta.ca](http://www.international.ualberta.ca) or from the FSIDA Secretary at University of Alberta International,

1204 College Plaza, 8215-112 Street, telephone 492-2844.

### INTERNATIONAL PARTNERSHIP FUND (IPF)

The International Partnership Fund (IPF) was established to support University of Alberta faculty and staff participating in exchange activities with the university's many partner institutions around the world. The IPF aims to facilitate projects that will help develop sustainable relationships between the University of Alberta and partner institutions. The funds may be used for travel by either the U of A staff member or a visitor from the partner institution for support of the development of activities with the partner, short-term visits for joint research collaboration, or other worthwhile academic purposes.

Support from the IPF will ideally complement support from the applicant's faculty or department, and the institution to which they propose to go.

Note: The IPF only applies to those institutions with which the University of Alberta has formal agreement.

Guidelines, application forms and list of partner institutions may be obtained from University of Alberta International website at <http://www.international.ualberta.ca> or by calling the International Partnership Fund secretary at 492-5840

Application deadline: Tuesday, November 1, 2005

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**To Be Confirmed**

**Walter Stewart,**  
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Ancillary Services is compiling a University cookbook as a United Way fund raising project. As this is our centennial year, it has special significance. Get your name in print and be part of the legacy!

*Neat prizes for best recipes in each category.*

We are looking for recipes in all categories, especially those that appeal to our University community:

- Beyond the pizza box - recipes that students can make quickly, easily, and inexpensively (delicious too!)
- Party foods for Bring-Your-Own socials
- Main courses for special occasions, mom's favorites, & traditional recipes from a variety of cultures.
- Personal favorites- extreme chocolate chip cookies, decadent desserts, marvelous muffins, smooth smoothies.

You provide the recipes, we do the rest!

**DEADLINE September 30, 2005**

SUBMIT RECIPES TO:  
 Wendy Saunders (wendy.saunders@ualberta.ca) 492-7200  
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MANY THANKS to all the prize donors and sponsors!

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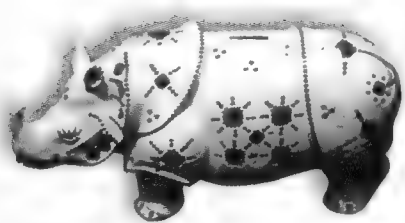
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Miniature of a horse rider made of cheese, purchased from the Ukrainian village of Kosmach.



Ceramic rhinoceros piggy bank. "Vyshyvana Keramika" (embroidered ceramics) is a Ukrainian pop culture genre that originated in the 1970s.

# bringing history to life

## ***Ukrainian folklore program testament to prof's passion***

By Debby Waldman

Bohdan Medwidsky noticed something about his students during his first few years teaching Ukrainian in the University of Alberta's Department of Slavic and East European Studies. He saw that when they returned from summer holidays, they couldn't stop talking about what fun they'd had at camp, hearing Ukrainian stories, singing Ukrainian songs and learning to dance as their grandparents had.

"I thought, 'I can give you some fun here, too,'" he recalls. And so he created a course, Selected Topics in Ukrainian Folklore, which debuted in the 1977-78 academic year. Word spread and Medwidsky's hunch that students would sign up for a class to learn more about their heritage turned out to be a good one.

Today, the U of A is the only academic institution outside Eastern Europe where students can earn BA, MA, or PhD degrees with a specialization in Ukrainian folklore.

The Ukrainian Folklore program offers courses in everything from folk prose and dance to civilization and culture, with graduate courses in folklore theory studies and folklore methodology.

The program's existence is a testament to Medwidsky's passion and his ability to convey his vision to others. "When I began teaching here in 1971, I thought that language was important, but language has to have a context, and folklore is the best context."

Folklore programs were scarce when Medwidsky first hatched his idea—one at Université Laval in Quebec and one at Memorial University in Newfoundland were the only others in Canada. There were language courses, but a degree based on studying folklore wasn't considered practical and Ukrainians, many of whom had to eke out a hardscrabble existence upon arriving in Canada as early immigrants, were known to be nothing if not practical.

But by the end of the 1980s, with the first and second generations of immigrants more firmly established, their children and grandchildren were ready to take a look at their heritage.

Over the years, Medwidsky has established connections with professors from Ukraine. Those professors have taught at the U of A and Alberta students have also traveled to Ukraine to conduct research. But as Medwidsky points out, students don't have to stray far from home to gather information and material.

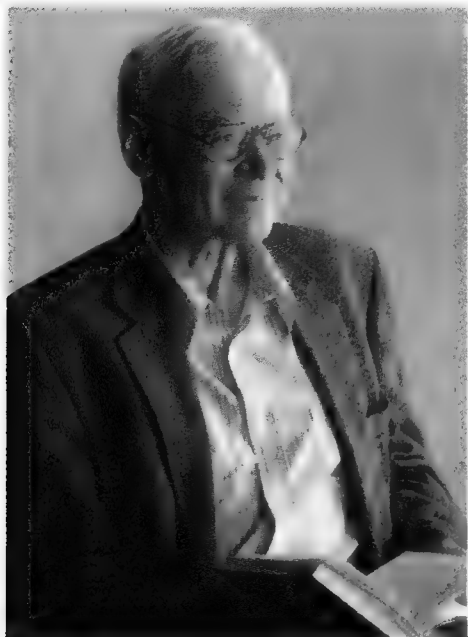
"Canada is a big part of what we do," he says. "We have a million Ukrainians who are our resources here. Our students don't have to travel across the ocean: they can ask their grandmother, and then the research comes alive."

*This article originally appeared in the Autumn 2005 issue of New Trail. ■*



Photos: From the collection of the Bohdan Medwidsky Folklore Archives.

Crosses made from river ice are traditionally carved and assembled for the Feast of Jordan. The "Ice Cross of Jordan" sits before the Old Arts Building.



Dr. Bohdan Medwidsky

folio

# back page



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<p>Calgary Family Services</p> <p>Calgary Health Region</p> <p>Calgary Police Recruiting Unit</p> <p>Cameco Corporation</p> <p>Camp Encounter</p> <p>Camp Health, Hope &amp; Happiness (He Ho Ha)</p> <p>Camp Tamarack Association</p> <p>Camp Warwa Society</p> <p>Camp Wayne</p> <p>Camrose Open Door Association</p> <p>Camrose Police Service</p> <p>Canada Broker Link</p> <p>Canada Home Tutoring</p> <p>Canada International Education Centre (CIEC)</p> <p>Canada Mortgage and Housing Corporation - Calgary</p> <p>Canada Safeway Limited - Calgary</p> <p>Canada Safeway Limited - Edmonton</p> <p>Canada Tech Corp.</p> <p>Canada West Biosciences Inc.</p> <p>Canada World Youth - Prairies/NWT Regional Office</p> <p>Canada1 Sales &amp; Marketing</p> <p>Canadian Blood Services - Edmonton</p> <p>Canadian Cancer Society</p> <p>Canadian Cattle Identification Agency</p> <p>Canadian College of Naturopathic Medicine</p> <p>Canadian Connection</p> <p>Canadian Education Centre (CEC) Network - Toronto</p> <p>Canadian Forest Products (CANFOR) - Fort St. John</p> <p>Canadian Forest Products Ltd. - Fort St. James Division</p> <p>Canadian Forest Products Ltd. - Grande Prairie Division</p> <p>Canadian Memorial Chiropractic College</p> <p>Canadian Mental Health Association - Alberta North Central Region</p> <p>Canadian Mental Health Association - Calgary Region</p> <p>Canadian National (CN) - Edmonton</p> <p>Canadian National Institute for the Blind, The</p> <p>Canadian Natural Resources Limited</p> <p>Canadian Outcomes Research Institute</p> <p>Canadian Pacific Railway - Calgary</p> <p>Canadian Paraplegic Association</p> <p>Canadian Parks and Wilderness Society (CPAWS) - Edmonton</p> <p>Canadian Petroleum Institute</p> <p>Canadian Resource Valuation Group</p> <p>Canadian Rockies Public Schools</p> <p>Canadian Unity Council, The</p> <p>CANAM Group Inc</p> <p>Can-K Artificial Lift Systems Inc.</p>	<p>CanMedia Inc.</p> <p>Canseel</p> <p>Canstudy.com</p> <p>Capital Care Group, The</p> <p>Capital Health - Edmonton</p> <p>Capital Health Authority - Recruitment Strategies and Planning</p> <p>Capital Irrigation</p> <p>CARA Operations</p> <p>Caravelle Foods</p> <p>CarePlus Pharmacy</p> <p>Cargill AgHorizons - Fairview</p> <p>Cargill AgHorizons - Winnipeg</p> <p>Cargill Foods - High River</p> <p>Cargill Limited - Camrose</p> <p>Cargill Ltd. - Marwayne</p> <p>Cargill Specialty Canola Oils</p> <p>Cariboo Christian School</p> <p>Cariboo Crossing Trading Post</p> <p>Caritas Health Group</p> <p>CaseWare International Inc.</p> <p>Castle Metals</p> <p>Castle Rock Research Corp.</p> <p>Caterpillar Inc.</p> <p>Catholic Social Services - Edmonton</p> <p>CB Richard Ellis - Alberta Research Group</p> <p>CBI Physiotherapy and Rehab</p> <p>CCS Income Trust</p> <p>Ceneca</p> <p>Centennial Gourmet Foods</p> <p>Central Alberta Christian High School</p> <p>Central Carriers</p> <p>Central Health Services</p> <p>Central Quebec School Board</p> <p>Cerebral Palsy Association in Alberta</p> <p>C-FER Technologies Inc.</p> <p>CGA Alberta</p> <p>CGC Inc.</p> <p>CH2M Hill</p> <p>CH2M HILL - Toronto</p> <p>Challenger Fleet Management Services Ltd.</p> <p>Champion Petfoods Ltd.</p> <p>Champion Technologies Ltd. - Edmonton</p> <p>Change for Children Association (CFC)</p> <p>Charles County Public Schools</p> <p>Charlton Hobbs Inc.</p> <p>Children's Rehabilitation Centre - Algoma</p> <p>Chili's Texas Grill</p> <p>China Alliance Press (Canada) Inc.</p> <p>China Teacher Placement Service</p> <p>Chinook Applied Research Association (CARA)</p> <p>Chinook Health Region</p>	<p>Chinook's Edge School Division No. 73</p> <p>Chintz &amp; Company - Edmonton</p> <p>Choice Research &amp; Recruitment Inc.</p> <p>Chopko Remedial Services Ltd.</p> <p>Chordiant Software</p> <p>Christ the Redeemer Catholic Schools</p> <p>Christiansen, Traci</p> <p>Chrysalis: An Alberta Society for Citizens with Disabilities</p> <p>CIBC/Wood Gundy - Edmonton (Manulife Place)</p> <p>Cinergy Solutions</p> <p>Clareview Day Nursery Ltd.</p> <p>Clareview Guardian Drug Mart</p> <p>Clarity.ca Inc.</p> <p>Clarkston Consulting</p> <p>Clear Water Academy</p> <p>Climate Change Central</p> <p>Closer to Home Community Services</p> <p>CMA Alberta (The Certified Management Accountants of Alberta)</p> <p>Coca-Cola Bottling Ltd. - Calgary</p> <p>Coca-Cola Bottling Ltd. - Edmonton</p> <p>Caterpillar Inc.</p> <p>CodeBase Software</p> <p>Cogneca Corp.</p> <p>Colegio Ingles Torreon</p> <p>College Canada Painters</p> <p>College of the North Atlantic</p> <p>College Pro Painters - Edmonton</p> <p>Comcare Health Services</p> <p>Commonwealth of Learning, The</p> <p>Community Savings</p> <p>Concordia University College - Gold Bar Campus</p> <p>Con-Force Structures Limited - Richmond, BC</p> <p>ConocoPhillips Canada</p> <p>Conroy Ross Partners Limited</p> <p>Conseil scolaire du Nord-Ouest No 1</p> <p>Consolidated Gypsum Supply Ltd</p> <p>Consulate General of Japan</p> <p>Consumer Impact Marketing Ltd.</p> <p>Consumers' Co-operative Refineries Ltd.</p> <p>Contempora Personnel Recruiting Services</p> <p>Convergys</p> <p>Cool Companies</p> <p>Coram Construction</p> <p>Cossette Media (West)</p> <p>Cottage Health System</p> <p>County of Newell No. 4</p> <p>Courtyard Group</p> <p>Cover-All Building Systems Inc.</p> <p>CPL Family of Centres, Inc.</p> <p>CRCS Inc.</p> <p>Creating Solutions Inc.</p> <p>Crescent IDA</p> <p>Drugs/Cedar Pharmacy</p> <p>Critical Mass</p> <p>Cross Cancer Institute - Radiation Therapy Program</p>	<p>Crowley's Jewellers &amp; Goldsmiths</p> <p>Cynatec Inc.</p> <p>CTBR (ClinTrials BioResearch), A Charles River Laboratories Company</p> <p>Cummins Western Canada</p> <p>Cutting Edge Landscaping Ltd.</p> <p>Cybernius Medical Ltd.</p> <p>D. Giroux Logging Ltd.</p> <p>DaimlerChrysler Services Canada - Calgary</p> <p>Dale Carnegie Training</p> <p>DALSA Semiconductor</p> <p>Dave Williams Realty Inc.</p> <p>David Thompson Health Region</p> <p>Davies Park</p> <p>DC Canada International (DCCI)</p> <p>DDB Canada</p> <p>Debbie Keatley Realty Inc</p> <p>Deci-Con Forestry Consultants Ltd.</p> <p>Deer Creek Energy Limited</p> <p>Delcor Painting Ltd.</p> <p>Dell Canada</p> <p>Deloitte &amp; Touche - Edmonton</p> <p>DePuy West / JDB Medical Ltd.</p> <p>Derk's Formals</p> <p>Design Group</p> <p>Staffing Inc - Edmonton</p> <p>Design Group</p> <p>Staffing Inc. - Calgary</p> <p>Detection Technologies</p> <p>Development and Peace</p> <p>Devon Canada Corporation</p> <p>Devon Christian School</p> <p>Devon, Town of</p> <p>Diamond Municipal Solutions - Edmonton</p> <p>Diamond Municipal Solutions - Ontario</p> <p>Digital Security Systems INC</p> <p>Direct Energy</p> <p>Direct Home Decor</p> <p>Discount Travel Warehouse - Edmonton</p> <p>Discount Travel Warehouse - Winnipeg</p> <p>Diversified Staffing Group</p> <p>Divestco Inc.</p> <p>DMI - Peace River Pulp</p> <p>Donor Direct Fundraising</p> <p>Doubleclutch Inc.</p> <p>Dow AgroSciences Canada Inc. - Calgary</p> <p>Dow AgroSciences Canada Inc. - Edmonton</p> <p>Dow Chemical Canada</p> <p>Downtown Business Association</p> <p>DPH Engineering Inc.</p> <p>Dr. Henry Pan &amp; Associates</p> <p>DRUGStore Pharmacy</p> <p>Drumheller Regional Chamber of Development and Tourism</p> <p>Dufferin-Peel Catholic District School Board</p> <p>Dynamic Mutual Funds</p> <p>Dynamic Risk Assessment Systems, Inc</p>	<p>Dynastream Innovations Inc.</p> <p>Dynatec Corporation</p> <p>Early Head Start</p> <p>Earth Signal Processing Limited</p> <p>Earth Tech Canada Inc.</p> <p>Earthmaster Environmental Strategies Inc.</p> <p>Earthquest (Canada) for the Environment</p> <p>EarthTones Garden Shoppe</p> <p>East Central Alberta Catholic Separate Schools Regional Division No. 16</p> <p>East Central Health</p> <p>Easter Seals Camp Horizon</p> <p>East-Man Animal Nutrition</p> <p>EBA Engineering Consultants Ltd. - Edmonton</p> <p>Ecolab Co.</p> <p>Ecomark Ltd.</p> <p>Economical Insurance Group, The</p> <p>edatonevents Inc.</p> <p>Eddie Bauer</p> <p>Eddie's Men's Wear Ltd.</p> <p>Edmonton Academy</p> <p>Edmonton After School Care Association</p> <p>Edmonton Catholic Separate School District No. 7</p> <p>Edmonton Country Club</p> <p>Edmonton Economic Development Corporation</p> <p>Edmonton Inner City Children's Project Society</p> <p>Edmonton Joint Planning Committee on Housing (EJPCOH)</p> <p>Edmonton Lifestyle Magazine</p> <p>Edmonton Meals on Wheels</p> <p>Edmonton Petroleum Golf &amp; Country Club</p> <p>Edmonton Police Service</p> <p>Edmonton Public Schools</p> <p>Edmonton Social Planning Council</p> <p>Edmonton, City of</p> <p>Edmonton, City of (Edmonton Waste Management Centre of Excellence)</p> <p>Education Personnel International/TeachAustralia</p> <p>Education Quality and Accountability Office</p> <p>Edward Jones</p> <p>EFCO Corp.</p> <p>El DuPont Canada - Camrose</p> <p>El DuPont Canada - Grande Prairie</p> <p>El DuPont Canada Company - Calgary</p> <p>Electronic Arts (Canada) Inc.</p> <p>Elizabeth Fry Society of Edmonton, The</p> <p>Elk Island Catholic Separate Regional School Division No. 41</p> <p>Elk Island Public Schools R.D. No. 14</p> <p>Elk Valley Coal Corporation - Calgary</p> <p>Elk Valley Coal Corporation - Elkford, BC</p> <p>Elk Valley Coal Corporation, Cardinal River Operations</p>	<p>EllisDon Corporation</p> <p>Emerson Process Management</p> <p>Emerson Process Management - Instrument and Valve Services</p> <p>Enbridge Inc. - Calgary</p> <p>Enbridge Pipelines Inc. - Edmonton</p> <p>EnCana Corporation</p> <p>Enerchem International Inc.</p> <p>Enerplus Resources Fund</p> <p>English Club</p> <p>English Link ESL School Ltd.</p> <p>Enmax Corporation</p> <p>Enterprise Rent-A-Car - Calgary</p> <p>Enterprise Rent-A-Car - Edmonton</p> <p>Enterprise Universal Inc</p> <p>Enviro Masters Lawn Care</p> <p>Environmental Diagnostics Inc.</p> <p>EPCOR Utilities - Edmonton</p> <p>Ernst &amp; Young - Toronto</p> <p>Eskimo Excavators Ltd.</p> <p>Esmail, Salim M. (Doctor of Orthopaedic Medicine and Surgery)</p> <p>ETI Solar - Energy Technologies Inc</p> <p>Eveline Charles Salons &amp; Spas eventQ Inc.</p> <p>Eveready Industrial Group Ltd.</p> <p>Excel Communications - Edmonton</p> <p>Excel Communications - Okotoks</p> <p>Excel Vegetation Services</p> <p>ExxonMobil Canada - East</p> <p>ExxonMobil Canada West - Calgary</p> <p>EZRA Consulting Ltd.</p> <p>Fairmont Mountain Bungalows</p> <p>Family Centre, The</p> <p>Family Linkages Foundation of Alberta</p> <p>Farm Credit Canada - Regina</p> <p>Farm Credit Canada - Stony Plain</p> <p>Farm Fresh Pet Foods</p> <p>Fastenal Canada</p> <p>Federated Co-operatives Ltd. - Saskatoon</p> <p>Federated Insurance</p> <p>Federation of Alberta Naturalists</p> <p>FedEx Ground</p> <p>Fekete Associates Inc.</p> <p>Fiberex Glass Corporation</p> <p>Fifth Dimension Information Systems Corporation</p> <p>Finning (Canada) - Edmonton</p> <p>FirstEnergy Capital Corporation</p> <p>Fitness Industry Canada</p> <p>Five Hills Health Region</p> <p>Flatlander Agri Services Ltd.</p> <p>Flight Centre</p> <p>Fluor Canada Ltd.</p> <p>Focus Corporation Ltd., The</p> <p>Food Processing Development Centre</p> <p>Foot Solutions</p> <p>Foothills Model Forest</p> <p>Footner Forest Products Ltd.</p> <p>Footprints Recruiting</p>	<p>FORESTERS</p> <p>Forestry Corp., The</p> <p>Forge Dynamics Inc</p> <p>Forsite Consultants Ltd.</p> <p>Fort McMurray Public School District 2833</p> <p>Fort Saskatchewan Correctional Centre</p> <p>Fort Saskatchewan, City of</p> <p>Fort Vermilion School Division No. 52</p> <p>FortisAlberta</p> <p>Fossil World</p> <p>Frank Slide Interpretive Centre</p> <p>Freehorse Family Wellness Society</p> <p>Freson IGA</p> <p>Friends &amp; Family Dental Health</p> <p>Friends of Jasper National Park</p> <p>Friends of Reynolds-Alberta Museum Society</p> <p>Friends of Rutherford House</p> <p>Friends of the Provincial Museum of Alberta Society, The</p> <p>Friends of the Ukrainian Village Society</p> <p>Frito Lay Canada - Calgary</p> <p>Frontier College, Labourer -Teacher Program</p> <p>Fulton Child Care Association</p> <p>Fun Sun Vacations</p> <p>FunTeam Alberta</p> <p>Garneau After School Care</p> <p>Garneau Tennis and Beach Volleyball Club</p> <p>Gateway Association for Community Living</p> <p>Gateway Journalism Society, The - U of A</p> <p>Gateway Pharmacy</p> <p>Gateway Research Organization</p> <p>GE Commercial Finance, Equipment Financing</p> <p>GE Consumer Finance - Canada</p> <p>GE Consumer Finance - OH, USA</p> <p>GE Consumer Finance - WI, USA</p> <p>GE Fanuc</p> <p>GE Healthcare</p> <p>gearwerx Experiential Marketing</p> <p>General Motors Acceptance Corporation of Canada Limited (GMAC)</p> <p>Genics Inc.</p> <p>Geographic Dynamics Corporation</p> <p>GEOS for Children</p> <p>GeoWest Environmental Consultants Ltd.</p> <p>Getting Ready for Inclusion Today (The GRIT Program)</p> <p>Giovanni Yamaha School of Music</p> <p>Gisborne Industrial Construction</p> <p>Gleneagles Community Centre</p> <p>Glenora Bed &amp; Breakfast Inn</p> <p>Glenora Child Care Society</p> <p>GLM Tanks &amp; Equipment Limited</p> <p>Global Biometrics Inc.</p> <p>Global TESOL College</p>	<p>Golden Hills School Division No. 75</p> <p>Golder Associates Ltd. - Calgary</p> <p>Golder Associates Ltd. - Edmonton</p> <p>Good Samaritan Society, The</p> <p>Gov't of Alberta</p> <p>Gov't of Alberta, Agriculture, Food &amp; Rural Development</p> <p>Gov't of Alberta, Alberta Agriculture, Food and Rural Development - Stettler</p> <p>Gov't of Alberta, Alberta Children's Services</p> <p>Gov't of Alberta, Alberta Community Development</p> <p>Gov't of Alberta, Alberta Community Development, Cultural Facilities and Historical Resources Div.</p> <p>Gov't of Alberta, Alberta Corporate Service Centre - Edmonton</p> <p>Gov't of Alberta, Alberta Economic Development</p> <p>Gov't of Alberta, Alberta Education</p> <p>Gov't of Alberta, Alberta Energy and Utilities Board</p> <p>Gov't of Alberta, Alberta Environment, Ministry</p> <p>Gov't of Alberta, Alberta Finance</p> <p>Gov't of Alberta, Alberta Government Services, Dept. of</p> <p>Gov't of Alberta, Alberta Health and Wellness</p> <p>Gov't of Alberta, Alberta Human Resources &amp; Employment</p> <p>Gov't of Alberta, Alberta Human Resources &amp; Employment, People Investments Policy Branch</p> <p>Gov't of Alberta, Alberta Infrastructure/Transportation</p> <p>Gov't of Alberta, Alberta Justice, Criminal Justice Division</p> <p>Gov't of Alberta, Alberta Justice/Alberta Solicitor General</p> <p>Gov't of Alberta, Alberta Municipal Affairs</p> <p>Gov't of Alberta, Alberta Sport Recreation Parks &amp; Wildlife Foundation - AFL Program</p> <p>Gov't of Alberta, Alberta Sustainable Resource Development, Forest Protection</p> <p>Gov't of Alberta, Alberta Sustainable Resources Development - Edmonton</p> <p>Gov't of Alberta, Auditor General of Alberta</p> <p>Gov't of Alberta, Environment</p> <p>Gov't of Alberta, Information &amp; Privacy Commissioner, Office of the</p> <p>Gov't of Alberta, Natural Resources Conservation Board</p> <p>Gov't of Alberta, Northern Alberta Development Council</p> <p>Gov't of Alberta, Parks and Protected Areas Division</p> <p>Gov't of Alberta, Personnel Administration Office</p> <p>Gov't of Alberta, PQ/AB Student Employment Exchange</p> <p>Gov't of Alberta, Seniors and Community Supports</p> <p>Gov't of Alberta, Sustainable</p>	<p>Resource Development - Public Lands and Forests Division</p> <p>Gov't of Alberta, Sustainable Resource Development, Dept. of</p> <p>Gov't of Alberta, Travel Alberta</p> <p>Gov't of British Columbia, Ministry of Transportation</p> <p>Gov't of Canada, 41 Canadian Brigade Group</p> <p>Gov't of Canada, AAFC - Canadian Agri-Renewal Services</p> <p>Gov't of Canada, Agriculture &amp; Agri-Food Canada, PFRA - Edmonton</p> <p>Gov't of Canada, Agriculture and Agri-Food Canada - Lacombe Research Centre</p> <p>Gov't of Canada, Agriculture and Agri-Food Canada - Saskatoon Research Centre</p> <p>Gov't of Canada, Agriculture and Agri-Food Canada - Shelterbelt Centre</p> <p>Gov't of Canada, Canadian Food Inspection Agency - Calgary</p> <p>Gov't of Canada, Canadian Food Inspection Agency - Edmonton</p> <p>Gov't of Canada, Canadian Forces Recruiting Centre - Detachment Edmonton</p> <p>Gov't of Canada, Canadian Forces Recruiting Centre Calgary</p> <p>Gov't of Canada, Canadian Forestry Service - Natural Resources Canada</p> <p>Gov't of Canada, Canadian Security Intelligence Service (CSIS)</p> <p>Gov't of Canada, Correctional Service Canada (Grande Cache)</p> <p>Gov't of Canada, Department of Justice Canada, Research and Statistics Division</p> <p>Gov't of Canada, Environment Canada</p> <p>Gov't of Canada, Finance, Dept. of</p> <p>Gov't of Canada, First Nations and Inuit Health Branch - Health Canada</p> <p>Gov't of Canada, Hire-A-Student, Human Resources &amp; Skills Development Canada</p> <p>Gov't of Canada, National Defence Headquarters - Ottawa</p> <p>Gov't of Canada, National Research Council Canada - Ottawa</p> <p>Gov't of Canada, NRC - National Institute for Nanotechnology (NINT)</p> <p>Gov't of Canada, Parks Canada Agency - Saskatchewan</p> <p>Gov't of Canada, Public Service Commission - Edmonton</p> <p>Gov't of Canada, Statistics Canada - Ottawa</p> <p>Gov't of Nunavut, Human Resources, Dept. of</p> <p>Gov't of Ontario, Natural Resources, Ministry of</p> <p>Gov't of the Northwest Territories, Education Operations and Development</p> <p>Gov't of the Yukon, Sport &amp; Recreation Unit</p>	<p>GPEC Consulting Ltd.</p> <p>Grande Prairie Catholic Separate School District #28</p> <p>Grande Prairie Public School District #2357</p> <p>Grant MacEwan College</p> <p>Grant Thornton LLP</p> <p>Grasslands Group Inc.</p> <p>Grasslands Public Schools</p> <p>Graymont Western Canada Inc. - Exshaw Plant</p> <p>Great Big Solutions Ltd.</p> <p>Great Northern Marketing</p> <p>Greater Edmonton Foundation - Housing for Seniors</p> <p>Greater St. Albert Catholic Regional Division No. 29</p> <p>Greater Vancouver Regional District</p> <p>Green Oasis Services Inc.</p> <p>Green Touch Landscaping Ltd.</p> <p>Greener Pastures Grazing Management Ltd.</p> <p>Greenfield School Age Day Care Association</p> <p>Greenland Garden Centres</p> <p>Greenview, Municipal District of Gregg Distributors Co. Ltd.</p> <p>Grey Nuns' Regional Centre</p> <p>Groupe Dynamite</p> <p>Growing Alberta</p> <p>Gschools Inc.</p> <p>Guardian Drugs - Millwoods</p> <p>Guardsmark (Canada) Inc.</p> <p>Gurkul, The</p> <p>Halliburton Energy Services Inc. - Calgary</p> <p>Halvorsen Fedynak &amp; Company, Inc.</p> <p>HangKee Stainless Steel Products Ltd.</p> <p>Harcourt &amp; Associates</p> <p>Harvest Operations Corp.</p> <p>Harwhome Homes</p> <p>Hazard Alert Training Inc.</p> <p>HAZCO</p> <p>HB Studios</p> <p>HeadCount Corporation</p> <p>Health net Pharmacy</p> <p>Health Technology Assessment International</p> <p>Heart and Stroke Foundation</p> <p>Heritage Community Foundation</p> <p>Hess Educational Organization</p> <p>High Prairie School Division</p> <p>Highland Valley Copper</p> <p>Hinz Automation Inc.</p> <p>Hinz, Laurel</p> <p>Hire Ground Careers</p> <p>Historic Clay District/Friends of Medalita Society</p> <p>HIV Network of Edmonton Society</p> <p>Holy Family C. R. D. No. 37</p> <p>Holy Spirit Roman Catholic Separate Regional Division #4</p> <p>Home Depot, The (Store # 7119)</p> <p>Home-Within-A-Home-Society of Edmonton</p>	<p>Honda Extreme</p> <p>Horton CBI, Limited</p> <p>Howard Group, The</p> <p>HR Adworks Ltd.</p> <p>HSBC Bank Canada - Vancouver</p> <p>HSBC Group - Hong Kong</p> <p>Hsinchu Royal Academy</p> <p>Hudson's Bay Company</p> <p>Hudson's Bay Company - Zellers/The Bay Pharmacy</p> <p>Husky Energy Inc.</p> <p>I &amp; D Management Services Ltd.</p> <p>IBM Canada Limited</p> <p>ICESoft Technologies</p> <p>ICMS, Inc - Fort Saskatchewan</p> <p>Idisus, Inc.</p> <p>IHS Energy</p> <p>IKEA</p> <p>IKON Office Solutions</p> <p>IMAC Design Group - A Division of CWS Industries</p> <p>Imperial Oil Limited - East (Toronto)</p> <p>Imperial Oil Limited - West (Calgary)</p> <p>Inco Limited - Manitoba</p> <p>Independent Advocacy Inc.</p> <p>infoLink Inc.</p> <p>ING Insurance Company of Canada</p> <p>Inland Pipe Limited</p> <p>Inner City Youth Housing Project</p> <p>Innogy Consulting Limited</p> <p>Innovative Student Painting Ltd.</p> <p>Inside Education</p> <p>Insightrix Research Services</p> <p>Institute of Chartered Accountants of Alberta</p> <p>Insurance Institute of Northern Alberta</p> <p>INTEC</p> <p>Integra Technologies Limited</p> <p>Interior Health Authority</p> <p>Intermap Technologies Inc.</p> <p>International Association of Science and Technology for Development (IASTED Secretariat)</p> <p>International Pharmacy Bridging Program</p> <p>International Results Group - Edmonton</p> <p>Interwave Communications</p> <p>Intuit Canada</p> <p>Inventa Sales &amp; Promotions</p> <p>Investopedia Inc.</p> <p>Investors Group - Stony Plain Rd</p> <p>Investors Group Financial Services (Jasper Avenue)</p> <p>Investors Group Financial Services Inc. (51 Avenue)</p> <p>IPSCO Inc.</p> <p>IRSST (Institut de recherche Robert-Sauvé en santé et en sécurité du travail)</p> <p>Irwin Industrial Tools</p> <p>IS2 Staffing Services Inc.</p> <p>Isotechnika Inc.</p> <p>ITN International Teachers Network</p> <p>J.S. Thrower &amp; Associates Ltd.</p>	<p>Jacobs Canada Inc.</p> <p>Jacques Whitford</p> <p>James Cook University (Australia) - School of Education</p> <p>James Richardson International - Winnipeg</p> <p>Jasper Place Child &amp; Family Resource Centre</p> <p>JEL Learning Centre - Edmonton Branch</p> <p>Jenric Millwork</p> <p>Jiro Enerflex</p> <p>Jobar Incorporated</p> <p>John Humphrey Centre for Peace and Human Rights</p> <p>Johns Manville Corporation</p> <p>JohnsonDiversey</p> <p>Jubilee Lodge Nursing Home</p> <p>Junior Achievement of Northern Alberta and NWT</p> <p>JW Research - Burnaby</p> <p>JWT Specialized Communications</p> <p>Kaplan Test Prep</p> <p>Kasian Architecture Interior Design and Planning Ltd.</p> <p>Kaich Kan Limited</p> <p>Kaimovik -Prairies/NWT/Nunavut Regional Office</p> <p>Katz Group Canada - Edmonton</p> <p>Katz Group Canada - Mississauga</p> <p>KBL Land Use Consulting</p> <p>Keg Steakhouse &amp; Bar, The</p> <p>Kelly Services - Edmonton</p> <p>Kendal Pipeline</p> <p>Kendall Services Ltd</p> <p>Kenno Group</p> <p>Kennedy Personnel Solutions Inc.</p> <p>Key Support Services Inc.</p> <p>KidTropolis Inc.</p> <p>Kiewit - Calgary</p> <p>King Edward Child Care Society</p> <p>Kinston General Hospital</p> <p>Kites &amp; Other Delights</p> <p>KLT Concrete Construction</p> <p>KMI Consulting Ltd.</p> <p>KMT Hepatech Inc.</p> <p>Knightbridge Wireless Inc.</p> <p>Koch Exploration</p> <p>Canada Corporation</p> <p>Komex International Ltd. - Calgary</p> <p>KONE</p> <p>KPMG Hong Kong</p> <p>Kraft Canada - Ontario</p> <p>Krahn Engineering Ltd.</p> <p>L&amp;M Engineering Limited</p> <p>La Salle "A Safe Place for Women and Their Children"</p> <p>Labatt Breweries of Canada</p> <p>Labatt Brewing Company Limited</p> <p>Lab. Ste. 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 Norwest Corporation  
 NOVA Chemicals - Red Deer  
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 WILS Language School  
 Windship Aviation Ltd.  
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